

## RESUME – Essam A. El-Sherif

### PERSONAL INFORMATION

**Name** Essam El-Din Atef El-Sherif  
**Birth Date** 2<sup>nd</sup> October 1963  
**Nationality** Egyptian  
**Marital Status** Married

**Address** [Nasr City, Cairo, Egypt](#)  
**Tel.** (+2)01288125735  
**E-Mail** [esm.elsh.it@gmail.com](mailto:esm.elsh.it@gmail.com)  
**Web Site** [resume-it.essamonline.net](http://resume-it.essamonline.net) (IT) | [career.essamonline.net](http://career.essamonline.net) (Engineering & GIS)



### SUMMARY

I'm a Certified Professional C/C++ Programmer, with more than 20 years of experience in developing, mentoring and conducting formally assessed training courses as a freelancer C/C++ instructor and training developer. Also, I'm a Certified JavaScript, NodeJS, MongoDB Fullstack Developer, and well experienced as a GIS/Geomatics engineer responsible for the deployment, utilization and maintenance of GIS databases for construction projects under charge, using PostgreSQL database server bundled with its spatial GIS extension PostGIS, in addition to web map development using JavaScript, HTML, CSS and LeafletJS.

I'm a holder of B.Sc. Degree in Civil Engineering since 1986 and an Associate Degree in Computer Systems since 1998, in addition to earning various certificates in C, C++, FORTRAN, Artificial Intelligence and Prolog Programming, Database, SQL, MongoDB, PostgreSQL, GIS, JavaScript, CSS, Git revision control system and Project Management.

### EDUCATION – ENGINEERING & IT

**Degree** [B.Sc. Degree in Civil Engineering](#), 1981 - 1986  
**Institution** [Faculty of Engineering, Ain Shams University](#), Cairo, Egypt

**Degree** [Professional Certificate in Computer Systems and Applications](#), 1997 - 1998  
**Institution** [The American University in Cairo](#), Egypt

### REGISTRATIONS – ENGINEERING

**Registration** [Egyptian Syndicate of Engineers Registration No. 2742/14](#), 1988  
**Registered By** [Egyptian Syndicate of Engineers](#), Cairo, Egypt

**Registration** [Member of The IET - MIET No. 1100757809](#), 2019  
**Registered By** [The Institution of Engineering and Technology](#), U.K.

### CERTIFICATIONS – ENGINEERING & PROJECT MANAGEMENT

**Certification** [Accredited Project Manager APRM™](#) - ID [15615627122111](#) - 2019  
**Issued By** [International Organization for Project Management™](#), Switzerland

**Certification** [Geographic Information Systems](#) - 2018  
**Issued By** [Wisdom Jobs, Pragnya meter, Online](#)

**Certification** [Open Source Geospatial Land Administration Toolkit](#) - ID 12023396 - 2018  
**Issued By** [GISPO Learning, Online](#)

**CERTIFICATIONS – IT**

- Certification Issued By** [C Certified Associate Programmer \(CLA\)](#) - ID [QkWA.U0Ez.WPGc](#) - 2021  
[C++ Institute](#)  
C Programming Language Certified Associate (CLA) is a professional certificate that measures the ability of the candidate to accomplish coding tasks related to the basics of programming in the C programming language, as well as fundamental programming techniques, customs and vocabulary, including the most common library functions and usage of the preprocessor.
- Certification Issued By** [C Certified Professional Programmer \(CLP\)](#) - ID [BEw4.Ht0j.Fhcp](#) - 2021  
[C++ Institute](#)  
C Certified Professional Programmer (CLP) is a professional certificate that measures the ability of the candidate to accomplish coding and design tasks related to advanced topics of the C programming language, as well as advanced programming techniques, including the library functions and the usage of the preprocessor.
- Certification Issued By** [C++ Certified Associate Programmer \(CPA\)](#) - ID [PmmQ.F2o4.LgbX](#) - 2021  
[C++ Institute](#)  
C++ Certified Associate Programmer (CPA) is a professional certificate that measures the ability of the candidate to accomplish coding tasks related to the basics of programming in the C++ language and the fundamental notions and techniques used in object-oriented programming.
- Certification Issued By** [C++ Certified Professional Programmer \(CPP\)](#) - ID [Eg6b.jwis.avtg](#) - 2022  
[C++ Institute](#)  
C++ Certified Professional Programmer (CPP) is a professional certificate that measures the ability of the candidate to accomplish coding tasks related to the more advanced C++ topics such as templates and the Standard Template Library.
- Certification Issued By** [JavaScript Certified Associate Programmer \(JSA\)](#) - ID [WG5b.vCsP.ktUr](#) - 2023  
[JavaScript Institute](#)  
JavaScript Certified Associate Programmer Certification (JSA) is a professional credential that demonstrates the candidate's proficiency in Object-Oriented Analysis, Design and Programming (OOA/OOD/OOP), as well as the more advanced use of functions in the JavaScript language.
- Certification Issued By** [MongoDB Certified Associate Developer](#) – ID [MDBv2zipylh73](#) – 2023  
[MongoDB](#)  
MongoDB Associate Developer Certificate validate tester's knowledge and skills through an examination. MongoDB associate developers possess the essential skills to create applications utilizing MongoDB as a backing database for Java, Python, C#, or NodeJS applications.
- Certification Issued By** [Git Test Certificate](#) - ID [169070](#) – 2020  
[Brainmeasures Certifications](#)  
To certify that the candidate has fulfilled all the requirements set forth by Brainmeasures to earn the GIT TEST Certificate. Git is a fast distributed revision control system.
- Certification Issued By** [JS Basic](#) | [JS Intermediate](#) | [SQL Basic](#) | [SQL Intermediate](#), 2023 – 2024  
[HackerRank - Online Coding Tests and Technical Interviews](#)
- Certification Issued By** [Database](#) | [SQL](#) | [PostgreSQL](#) | [JavaScript](#) | [CSS](#), 2018 – 2019  
[Wisdom Jobs, Pragnya meter, Online](#)
- Certification Issued By** [FORTRAN](#) | [Artificial Intelligence & Prolog Programming](#) – 1987  
[Faculty of Engineering, Ain Shams University](#), Cairo

## SKILLS

<b>Operating Systems:</b>	...Linux...MS Windows...Android...
<b>Programming:</b>	...C...C++...JavaScript...Java...
<b>GIS:</b>	...QGIS...GRASS GIS...PostGIS...
<b>DBMS:</b>	...SQL...PostgreSQL...NoSQL...MongoDB...
<b>Fullstack Development:</b>	...HTML...CSS...ReactJS...NodeJS...ExpressJS...Restfull API...
<b>Web map Development:</b>	...HTML...CSS...Leaflet.JS...
<b>Others:</b>	...XML...Bash Scripting...Git/GitHub...

## LANGUAGES

<b>English</b>	Fluent (Spoken & Written), Graduated from <a href="#">St. George's College School</a>
<b>Arabic</b>	Mother Tongue

## FREELANCER INSTRUCTOR & TRAINING DEVELOPER: Mar 2000 To Present

- C/C++ Programming Languages.
- Object Oriented Programming.
- Microsoft Visual C++.
- Basics of Compiler Design.
- Basics of Database Management Systems (DBMS) and PostgreSQL Server.
- Basics of Linux Programming.
- Basics of Shell Scripting.

### Sample Projects:

- [Spotlight Screen Saver](#): a basic Windows Screen Saver I've written in C using the native Win32 API's. The Screen Saver implements the old and famous [After Dark Screen Saver Spotlight module](#), where the desktop becomes dark/black and parts are "illuminated" by a randomly moving light spot. The project is under continuous development, and its initial version is currently hosted by Github platform.

## FREELANCER GIS SPECIALIST & WEB MAP DEVELOPER: Oct 2017 To Present

Experienced in deployment of GIS databases and performing GIS tasks including spatial analysis, data management, digitization and map creation, in addition to web map development using JavaScript, leaflet.JS, HTML and CSS.

### Sample Projects:

- [Egypt web map](#): a web application I've developed using the [Leaflet.JS](#) JavaScript library. The web map provides detailed information about Egypt's administration boundaries and population.
- [Alexandria web map](#): a web application I've developed using the [Leaflet.JS](#) JavaScript library. The web map provides photos for few points of interest within the city of Alexandria, along with historical backtrack.
- [Leaflet.JS Theme Controls](#): [Leaflet.JS](#) is the leading open-source JavaScript library for mobile-friendly interactive maps. While Leaflet is meant to be as lightweight as possible, and focuses on a core set of features, its functionality can be extended using third-party plugins. The purpose of this project is to develop a Leaflet plugin that extends the Leaflet native controls in order to customize the on-screen shape of the map controls. Using the so developed Theme Controls within a web map will enhance the user interface with a theme of cultural related icons.

**EMPLOYMENT RECORD: May 2012 To Sep 2017**

**EMPLOYER:** [Hyder Consulting Middle East Limited](#) (Now [ARCADIS Design & Consultancy](#))  
[Doha, Qatar](#)

Hyder Consulting was a multi-national advisory and engineering consultancy with particular specialization in the transport, property, utilities and environmental sectors. In October 2014 Hyder Consulting was acquired by Arcadis Design & Consultancy.

**JOB TITLE:** [Senior Resident Engineer](#)

**JOB ROLE:** Besides my responsibilities as a Senior Resident Engineer, I'm here including the related GIS duties:

- To utilize and maintain a GIS database for all the Projects Works.
- To ensure that the final as-built drawings were produced in a GIS format compatible with the Client's database.
- To deploy an on-site project database, using the open source PostgreSQL database server along with its spatial GIS extension PostGIS as a backend database server, and Microsoft Access database as the frontend user interface. The database was fully designed, implemented and administered by myself.

**SAMPLE:** [Qatar Projects Web Map](#): web map I've developed using Leaflet.JS, JavaScript, HTML & CSS. The web map shows the Qatar infrastructure projects under construction.

**EMPLOYMENT RECORD: Sep 2005 To Mar 2012**

**EMPLOYER:** [ASCO Qatar Consulting Engineers](#)  
[Doha, Qatar](#)

ASCO is one of Qatar's leading multi-disciplinary engineering consultancy firms, excelling in the design and completion of projects across a wide range of industry sectors, for a prodigious portfolio of government, corporate and international clients.

**JOB TITLE:** [Senior Resident Engineer](#)

**JOB ROLE:** Besides my responsibilities as a Senior Resident Engineer, I'm here including the related GIS duties:

- To utilize and maintain a GIS database for all the Projects Works.
- To ensure that the final as-built drawings were produced in a GIS format compatible with the Client's database.
- To deploy an on-site project database, using the open source PostgreSQL database server along with its spatial GIS extension PostGIS as a backend database server, and Microsoft Access database as the frontend user interface. The database was fully designed, implemented and administered by myself.

**SAMPLE:** [Qatar Projects Web Map](#): web map I've developed using Leaflet.JS, JavaScript, HTML & CSS. The web map shows the Qatar infrastructure projects under construction.

**EMPLOYMENT RECORD: Mar 2000 To Sep 2005**

**EMPLOYER:** [YAT LEARNING SOLUTIONS – Cairo, Egypt](#)

Egyptian IT Company established in 1996 in Cairo-Egypt, and specialized in the IT industry through four subsidiaries: IT Learning, Software Development, Web Development, and Advertising.

**JOB TITLE:** **Instructor, Training Developer & Technical Writer**

- C/C++ Programming Languages.
- Object Oriented Programming.
- Microsoft Visual C++ Win16/32 API-SDK.
- Basics of Database Management Systems DBMS.





Ain Shams University  
FACULTY OF  
ENGINEERING

AIN SHAMS UNIVERSITY

CERTIFICATE

0102638



18/JAN/18

This is to certify that / ESSAMELDIN ATEF ELSHERIF –  
The son of - ATEF AHMED ELSHERIF.

Born in: Cairo National ID: 26310020100238 Nationality Egyptian

Has been awarded the: B.Sc. Degree

Department: Civil Engineering

Section: Public Works

Received in: November 1986

General Grade : Pass

Cumulative Marks: //// out of //// Percentage: 54.54 %

Faculty Approval 14/12/1986

University Approval 24/12/1986

And the project: (Good) – Highway & Airport Engineering.

*Hanan*

Registrar

*Amany*



Date: 28/01/2018





AIN SHAMS UNIVERSITY  
FACULTY OF ENGINEERING  
CAIRO - A. R. E.

## TRANSCRIPT

This is to certify that **Mr. / ESSAMELDIN ATEF ELSHERIF -**

**The son of - ATEF AHMED ELSHERIF.**

had passed the Final Examination in **November 1986, approved by college in 14/12/1986 and awarded his B.Sc. Degree in 24/12/1986 (Civil Engineering , Public Works Section).**

**With General Grade: Pass and the project (Good) – Highway & Airport Engineering.**

The following are the courses and the number of hours per week he had studied and the grades he had obtained.

Course	Grade	No. of Weeks	No. of Hours Weekly		Course	Grade	No. of Weeks	No. of Hours Weekly	
			Lec	Ex				Lec	Ex
<b>Preparatory Year : 1980/1982</b>					<b>First Year : 1982/1983 (Civil Engineering)</b>				
Mathematics	P	28	4	2	Theory of Structures	P 83/84	28	3	2
Physics	P	28	4	2	Mechanics	P 83/84	28	3	2
Mechanics	P	28	3	2	Properties & Testing of Materials	P	28	2	2
Descriptive Geometry	P	28	2	2	Surveying & Geodesy	P	28	2	2
Engineering & Arch. Drawing	P	28	-	4	Mathematics	P	28	2	2
Chemistry	P	28	2	1	Physics	P	28	2	2
Production Engineering	P	28	1	1	Civil Engineering Drawing	P	28	-	3
English language	D	28	-	1	Engineering Geology	P	28	2	-
<b>General Grade</b>	<b>P</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>General Grade</b>	<b>P</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Second Year : 1983/1984 (Civil Engineering)</b>					<b>Third Year : 1984/1985 (Civil Engineering)</b>				
Theory of Structures	P	28	4	2	Theory of Structures	P	28	3	2
Surveying & Geodesy	P	28	2	3	Soil Mechanics & Foundations	P	28	3	2
Properties & Testing of Materials	P	28	2	2	Reinforced Concrete Structures	P	28	2	2
Reinforced Concrete Structures	VG	28	2	2	Metallic Structures	P	28	2	2
Mathematics	P	28	2	2	Surveying & Geodesy	P	28	2	2
Fluid Mechanics	G	28	2	1	Hydraulics	P 85/86	28	2	2
Irrigation & Drainage	G	28	2	1	Irrigation Design	P	28	2	2
Mechanical & Electrical Engineering	P	28	2	-	Architectural Construction	G	28	2	-
Economics & Legislation	G	28	1	-	<b>General Grade</b>	<b>P</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>General Grade</b>	<b>P</b>	<b>-</b>	<b>-</b>	<b>-</b>					
<b>Fourth Year: B.Sc. Degree in November 1986</b>									
<b>Civil Engineering (Public Works Section)</b>									
Sanitary Engineering	G	28	4	2	Soil Mechanics & Foundations	P	28	2	1
Railway Engineering	P	28	3	2	Surveying & Geodesy	P	28	2	1
Highway & Airport Engineering	P	28	3	2	Irrigation Design	P	28	2	1
Reinforced Concrete Structures	P	28	2	2	Project : <i>Highway &amp; Airport Engineering</i>	G	-	-	-
Metallic Structures	P	28	2	1	<b>General Grade</b>	<b>P</b>	<b>-</b>	<b>-</b>	<b>-</b>

D : Distinction ( 85% and over)    VG : Very Good (75% to less than 85%)    G : Good (65% to less than 75%)    P : Pass ( 50% to less than 65%)

Lec : Lecture    Ex : Exercise / Laboratory

Date : 28/01/2018

Hanan

REGISTRAR

Amany

DEAN

*(Signature)*







The American University in Cairo  
Egypt

Center for Adult and Continuing Education

Certifies That

ESSAM EL-DIN ATEF EL-SHERIF

Has Been Awarded  
a Professional Certificate in

(WITH DISTINCTION)

COMPUTER SYSTEMS AND APPLICATIONS

DATE DECEMBER, 1998

Rashid

Derry G. Miller

R.H. [Signature]



# CENTER OF ADULT AND CONTINUING EDUCATION

## Key to Transcript Grades & Symbols

### ACCREDITATION:

The American University in Cairo was incorporated in 1919, is licensed in Washington, D.C. and accredited by the Middle States Association of Colleges and Schools. The Center for Adult and Continuing Education was established in 1924 to provide extension services and to offer non degree courses and career programs.

The center for Adults and Continuing Education offers courses and programs ranging from individual open admission courses to career certificate programs with admission requirement. These offerings are not offered for academic degree credit or degrees.

### CALENDAR:

The Center for Adult and Continuing Employs the twelve week quarter system. Credit is expressed in Instruction Units (IUs) with 1 IU indicating 12 hours of classroom instruction.

### ADDRESS:

**\* Downtown Campus**  
Center for Adult & Continuing Education  
The American University in Cairo  
28 Falaki St. Bab EL-Louk  
PO Box 2511  
Cairo 11511, Egypt  
Telephone: (20-2) 357-6879/ 357-6853  
E-Mail: CACEMAIL@AUCACS.EUN.EG  
FAX: (20-2) 355-7565

**\* Heliopolis Campus:**  
Center for Adult & Continuing Education  
Telephone : (20-2)4185654/4185653  
3 El Khalifa El Hadi Street  
Fax: (20-2)2908190  
Heliopolis  
Cairo, Egypt

**\* New York Office**  
The American University in Cairo  
866 United Nations Plaza  
Suite 517  
New York, NY 10017-1889  
USA  
Telephone:(212) 421-6320  
Fax: (212) 688-5341

### GRADING SYSTEM:

<u>Grade</u>	<u>Points</u>	<u>Description</u>
A	4.0	Excellent
A-	3.7	
B+	3.3	
B	3.0	Very Good
B-	2.7	
C+	2.3	Passing
C	2.0	
C-	1.7	
D+	1.3	
D	1.0	
F	0.0	Failing



The following grades are not included in the Grade Point Average

<u>Grade</u>	<u>Description</u>
I	Incomplete
P	Pass
S	Absent
W	Withdrew
AU	Audit



NAME: Essam-El-Din Atef El-Sherif  
 STUDENT NO: 973-00-1570 BIRTH: 10-02-63



THE AMERICAN UNIVERSITY IN CAIRO  
 CENTER FOR ADULT & CONTINUING EDUCATION

COURSE NO	COURSE TITLE	GRADE	IU	QUALITY POINTS	COURSE NO	COURSE TITLE	GRADE	IU	QUALITY POINTS
Official Professional Academic Record					-----1998 SUMMER-----				
Degrees Awarded: ADV.PROF.CERT. COMP.SYSTEMS & APPLI Apr 29, 1999 Cace-Scheduled Programs Major: COMPUTER PROGRAM CE Minor: INTERMEDIATE STAGE AT Cum GPA: 3.938					Program Changed To: Major: COMPUTER PROGRAM CE Minor: INTERMEDIATE STAGE AT				
-----1997 FALL-----					COMP-151 COMP. INTERNETWORKING A A 4.50 18.00* GCOM-107 SYSTM ANAL.&DESIGN D A- 3.00 11.10 GCOM-201 C PROG. LANG.(VISUAL C)E A 3.00 12.00 GCOM-201 LAB.(VISUAL C) E A 1.50 6.00 GCOM-208 OPERTING SYSTEMS A A 3.00 12.00 GCOM-208 LAB.OPR.SYS.A A 1.50 6.00 INTR-105 BASIC INTERNET SERVICES A(5/5-27 A 3.00 12.00*				
Admitted Program: Cace-Scheduled Programs ADV.PROF.CERT. COMP.SYSTEMS & APPLI Major: COMPUTER PROGRAM CE					Current AHRs 12.00 EHRS 12.00 OHRS 12.00 OPTS 47.10 GPA 3.925 Cumulative 46.50 46.50 46.50 182.10 3.916				
COMP-106	DOS AND WINDOWS B	A	3.00	12.00	-----1998 FALL-----				
GCOM-101	INTRO.TO COMPUTER B	A-	3.00	11.10	COMP-152	PROGRAMMING UNDER WINDOWS ENVRT.	A	3.00	12.00*
GCOM-103	ALGO&STRC PROG.B	B+	3.00	9.90	COMP-152	LAB.PROG.U.WIN.A	A	1.50	6.00*
GCOM-104	PASCAL PROGRAMMING B	A	3.00	12.00	GCOM-307	INFORMATION SYST.A	A	3.00	12.00
GCOM-104	LAB.PASCAL B	A	1.50	6.00	GCOM-307	LAB.INF.SYS.A	A	1.50	6.00
GCOM-106	DISC.MATHEMATICS B	A	3.00	12.00	GCOM-309	OBJCT ORNTD PROG.A	A	3.00	12.00
SPRD-100	SPREADSHEET (EXCE) F	A	3.00	12.00	GCOM-310	DATA BASE MANAG.B	A	3.00	12.00
Current AHRs 19.50 EHRS 19.50 OHRS 19.50 OPTS 75.00 GPA 3.846 Cumulative 19.50 19.50 19.50 75.00 3.846					GCOM-310	LAB.DBASEMNGT.B	A	1.50	6.00
-----1998 SPRING-----					GCOM-311	COMP. GRAPHICS B	A	3.00	12.00
GCOM-206	DATA STRUCTURES B	A	3.00	12.00	GCOM-311	LAB.GRAPHICS B	A	1.50	6.00
GCOM-206	LAB.DATA STRUCT.B	A	1.50	6.00	Current AHRs 16.50 EHRS 16.50 OHRS 16.50 OPTS 66.00 GPA 4.000 Cumulative 63.00 63.00 63.00 248.10 3.938				
GCOM-207	COMP.ORG/ASSEMBLY B	A	3.00	12.00	Requirements completed for ADV.PROF.CERT. COMP.SYSTEMS & APPLI				
GCOM-207	LAB.C.ORG.&ASS.B	A	1.50	6.00	-----END OF Professional Academic Record-----				
GCOM-210	FILE ORGANIZATION B	A	3.00	12.00	NO FURTHER ENTRIES THIS COLUMN				
GCOM-305	ART.INTELLIGENCE	A	3.00	12.00					
Current AHRs 15.00 EHRS 15.00 OHRS 15.00 OPTS 60.00 GPA 4.000 Cumulative 34.50 34.50 34.50 135.00 3.913									
NO FURTHER ENTRIES THIS COLUMN									



Essam-El-Din Atef El-Sherif  
 16 ABU-DAWD EL-ZAHERY ST.  
 EL-HAY 8 - NASR CITY  
 CAIRO  
 Egypt

Mohamed El Rashidi  
 Associate Dean for Administrative  
 Affairs and Registration

*Rashidi*  
 OFFICIAL SIGNATURE

Official transcript bears a signature stamp of registrar emposed with university seal.  
 see reverse side for explanation of rates and courses numbering system.



**SYNDICATE  
OF ENGINEERS**  
30, Ramsis Street - Cairo

جمهورية مصر العربية  
A.R.E

نقابة المهندسين  
٣٠ شارع رمسيس - القاهرة

## CERTIFICATE

The Syndicate Of Engineers Hereby  
Certifies that Mr. Engineer  
Holder Of

From  
Graduation Date-Semester  
Syndicate Registration Date

Section  
Branch

Membership No.

Last Degree – From  
& Its Date

Cairo 2/ 8/ 2005

Executive Secretary General

ESSAM EL DIN ATEF AHMED  
B.SC.ENG

AIN SHAMS UNIVERSITY

NOVEMBER 1986

31/8/1988

CIVIL ENG.

2742/14

عصام الدين عاطف أحمد  
بكالوريوس هندسة

جامعة عين شمس

نوفمبر ١٩٨٦

١٩٨٨/٨/٣١

الهندسة المدنية

١٤/٢٧٤٢

شهادة  
تشهد نقابة المهندسين بأن  
السيد المهندس /  
الحاصل على  
من  
الدور وتاريخ التخرج  
ومقيد بسجلات النقابة بتاريخ  
شعبة  
التخصص

رقم القيد بالنقابة

آخر درجة علمية وسنة  
الحصول عليها والجامعة  
القاهرة في ٢ / ٨ / ٢٠٠٥  
الأمين العام التنفيذي



*Hamada*

*[Handwritten signatures and stamps]*



Mr Essam El-Sherif MIET  
36 Abu Dawoud Al Thaheri Street  
Nasr City  
Cairo  
11765  
Egypt

Ref: MCS A115/1100757809

**To Whom it may concern**

I confirm that Mr El-Sherif was admitted to the category of Member (MIET) on 18 February 2019.

Mr El-Sherif joined the IET on 12 February 2019.

Yours faithfully



Kerri Tanner  
Membership Services Advisor

# PROJECT MANAGER

## ACCREDITED CERTIFICATION™

HEREBY WITH THIS CERTIFICATE WE ARE PROUD TO ENTITLE

**ESSAM  
EL-SHERIF**

## AS PROJECT MANAGER

IN TESTIMONY THEREOF, AFTER FORMAL EVALUATIONS WE  
ACKNOWLEDGE DEMONSTRATED KNOWLEDGE AND OUTSTANDING  
COMPETENCE OF OUR STUDENT AS PROJECT MANAGER.

26 SEPTEMBER 2019

**DATE**



**AUTHORIZED SIGNATURE**



**IO4PM™**

15615627122111

**AUTHORIZED CERTIFICATION ID**





CERTIFICATE OF ACCOMPLISHMENT

**Congratulations!**

*This is to certify that **Essam El-Din Atef El-Sherif**'s  
performance in **Geographic Information System (GIS)**  
on 27 Oct, 2018 was **competent**.*

**Score obtained: 8/10**

# CERTIFICATE OF EXCELLENCE

**Essam El-Sherif**

**has successfully completed the course**

MasterClass on Open Source Geospatial Land Administration Toolkit

**on October 8, 2018**

**GISPO**

Instructor:

**Santtu Pyykkönen**

Gispo Ltd.



October 8, 2018

Certificate: 12023396





INSTITUTE

June 30, 2021

# CERTIFICATE

of proficiency in the  
C programming language

**Essam A. El-Sherif**

is a C Certified Associate  
Programmer - **CLA**

Exam Version: CLA-11-02

## Scope

- Data types
- Flow control
- Arrays
- Memory management and structures
- Functions
- Files and streams
- Preprocessor directives and complex declarations

Christopher Boguslawski  
President, C++ Institute



This certificate can be verified at  
[verify.openedg.org](https://verify.openedg.org)

Code: **QkWA.U0Ez.WPGc**





INSTITUTE

August 16, 2021

# CERTIFICATE

of proficiency in the  
C programming language

**Essam A. El-Sherif**

is a C Certified Professional  
Programmer - **CLP**

Exam Version: CLP-12-01

## Scope

- C language standards and modern C
- Handling variable numbers of parameters
- Low-level I/O operations, file control
- Memory and string operations, l18N
- Processes and threads
- Float and integer processing, multi-precision libraries
- Network sockets
- Miscellaneous: const, restrict, volatile, jumps, array operations, unspecified/undefined behaviors, portability issues

This certificate can be verified at  
[verify.openedg.org](http://verify.openedg.org)

Code: **BEw4.Ht0J.Fhcp**



*Boguslawski*

Christopher Boguslawski  
President, C++ Institute







INSTITUTE

September 6, 2021

# CERTIFICATE

of proficiency in the  
C++ programming language

**Essam A. El-Sherif**

is a C++ Certified Associate  
Programmer - **CPA**

Exam Version: CPA-21-02

## Scope

- Basic data types and flow control
- Functions and function overloading
- Data aggregates
- Fundamentals of the object-oriented approach
- Class hierarchy and inheritance
- User-defined operators and exceptions

This certificate can be verified at  
[verify.openedg.org](https://verify.openedg.org)

Code: **PmmQ.F2o4.LgbX**



*Christopher Boguslawski*

Christopher Boguslawski  
President, C++ Institute





INSTITUTE

February 24, 2022

# CERTIFICATE

of proficiency in the  
C++ programming language

**Essam A. El-Sherif**

is a C++ Certified Professional  
Programmer - **CPP**

Exam Version: CPP-22-02

## Scope

- Templates
- STL sequential containers
- STL associative containers
- Modifying STL algorithms
- Non-modifying STL algorithms
- Sorting STL operations
- STL merge operations
- STL utilities and functional library
- STL advanced I/O

This certificate can be verified at  
[verify.openedg.org](https://verify.openedg.org)

Code: **Eg6b.jwis.avtg**



*Boguslawski*

Christopher Boguslawski  
President, C++ Institute







Verify this certificate's authenticity at  
[verify.openedg.org](https://verify.openedg.org)  
Certification Code: WG5b.vCsP.ktUR

# CERTIFICATE

of proficiency in the JavaScript  
programming language

**Essam A. El-Sherif**

JSA – Certified Associate JavaScript Programmer

Exam Version: JSA-41-01

Date Certified: September 4, 2023

Scope:

- Classless objects
- Classes and class-based approach
- Built-in objects
- Advanced functions



OpenEDG  
**JS Institute**

Certified Associate  
JavaScript Programmer

JSA-41-01

  
Maciej Wichary  
VP & CEO, JS Institute

**JS INSTITUTE**  
Open Education & Development Group



Essam El-Sherif

Awarded by

**MongoDB, Inc.**

as a

**MongoDB Certified Associate Developer**

License: # MDBv2zipyh73

Issue Date: 2023-03-09

This certification has no expiration

A handwritten signature in black ink, appearing to read "Mark Porter", with a long horizontal line extending to the right.

Mark Porter  
CTO  
MongoDB, Inc





# Brainmeasures certifications



## GIT Test

**ESSAM EL-SHERIF**

has fulfilled all the requirements  
Set forth by Brainmeasures to earn the  
above mentioned certification.  
This certification is awarded on

12/04/2020



93969

: 169070



*John Smith*  
Issuing officer

*Gold Sandhu*  
Gold Sandhu  
CEO brainmeasures

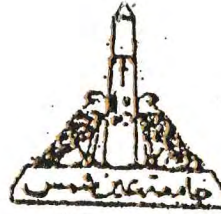
*Kevin Wilson*  
Vicepresident



Brainmeasures Solutions - 5715 Will Clayton, #8121, Humble, TX 77338 - USA

Verify this certification using the transcript ID of certificate holder at [www.brainmeasures.com](http://www.brainmeasures.com). (this certification is valid for 1 Year)

Toll Free (USA/CANADA)  
1-877-962-3568

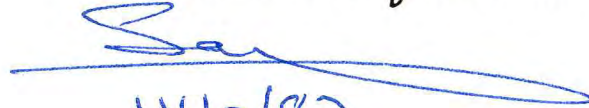


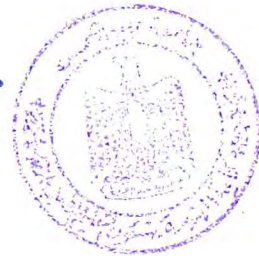
Ain Shams University  
Faculty Of Engineering  
Information Systems Center

This is to Certify that **ESSAM ELDIN ATEF ELSHERIF**  
Has attended the Course **FORTRAN**  
For a period of **30** hours starting from **13/12/1986** to **14/1/1987**  
He has passed the final examination for the Course with an appreciation of **//DISTINCTION//**

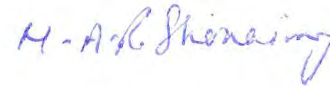
11/2 / 19 87

Head, Board of directors

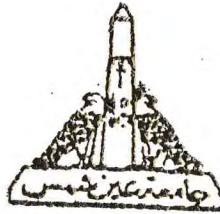
  
14/2/87



Director








*Ain Shams University*  
*Faculty Of Engineering*  
*Information Systems Center*

*This is to Certify that* ESSAM ELDIN ATEF ELSHERIF  
*Has attended the Course* ARTIFICIAL INTELLIGENCE & PROLOG PROGRAMMING  
*For a period of* 30 *hours starting from* 19/2/1987 *to* 16/4/1987  
*He has passed the final examination for the Course with an appreciation of* // DISTINCTION //

21 6 / 19 87

*Head, Board of directors*

---

6/6/87



*Director*

*M. A. R. Shonaimy*





CERTIFICATE OF ACCOMPLISHMENT

**Congratulations!**

*This is to certify that **Essam El-Din Atef El-Sherif**'s performance in **Database** on 27 Oct, 2018 was **competent**.*

**Score obtained: 7/10**





CERTIFICATE OF ACCOMPLISHMENT

**Congratulations!**

*This is to certify that **Essam El-Din Atef El-Sherif's** performance in **SQL** on 19 Nov, 2018 was **competent**.*

**Score obtained: 7/10**



CERTIFICATE OF ACCOMPLISHMENT

**Congratulations!**

*This is to certify that **Essam El-Din Atef El-Sherif's** performance in **PostgreSQL** on 09 May, 2019 was **competent.***

**Score obtained: 7/10**





CERTIFICATE OF ACCOMPLISHMENT

**Congratulations!**

*This is to certify that **Essam El-Din Atef El-Sherif's** performance in **JavaScript** on 27 Oct, 2018 was **competent.***

**Score obtained: 7/10**



CERTIFICATE OF ACCOMPLISHMENT

**Congratulations!**

*This is to certify that **Essam El-Din Atef El-Sherif's** performance in **CSS** on 24 Oct, 2018 was **competent**.*

**Score obtained: 8/10**