

Essam Mohamed Abd El-Hamid Hassan

Home Address: 37 St. Helmy Bahagat Badawy Sporting
Alexandria - Egypt.

Phone Number:

(Home) +203/ 5932414

(Mobile) +20100 3330635

E-mail Address: essamabdelhamied@gmail.com

Date of Birth: 10/03/1992

Place of Birth: Egypt (Alexandria)



OBJECTIVE: Senior Software developer & ERP System Engineer with pre-Ph.D. study valued for driving quality and consistency throughout all phases of software development projects. Obtain a challenging position of a software developer to make use of my creative abilities, analytical skills and strong knowledge of advanced technologies.

EDUCATION

- 2019-present: **Pre Ph.D. of Computer Engineering**, Arab Academy for Science, Technology and Maritime Transport (AASTMT), Alexandria
- 2017-2019: **Pre Ph.D. of Computer Science**, Arab Academy for Science, Technology and Maritime Transport (AASTMT), Alexandria
- Sept. 2014 – Jul 2017: **Master of Computer Engineering**, Arab Academy for Science, Technology and Maritime Transport (AASTMT), Alexandria
 - Thesis:** Video Surveillance System For Smart Tracking Of Moving Objects (Grade: **Excellent with honor**)
 - Supervisor:** Prof. Dr. Sherin M. Youssef, Dr. Hany Hanafy
- Sept. 2009 – Jul.2014: **B.Sc. in Computer Engineering**, Arab Academy for Science, Technology and Maritime Transport (AASTMT), Alexandria
 - Graduation Project: Android Mobile Robot (Grade: **Excellent**)
 - Awarded from Egypt Defense Minister to be completed in Military Technical Collage, the society prize for graduate achieving the best B.Sc. Project Performance from The Computer Scientific Society. Graduation Project awards **AASTMT GRANT 2014**
- 1997 – 2009: **Sidi Gaber Language School (SLS)**, Alexandria

PROFESSIONAL EXPERIENCE

- **Sept 2014 – Present: Arab Academy for Science, Technology and Maritime Transportation**
Senior Software Developer in Information and Documentation Center
 - ♦ **Helped build and enhance highly available**, scalable, real-time and secure systems used by employees & students. Outcomes:
 - Completed more than eight major projects, working closely to develop, test and maintain Web- and desktop-based software applications.
 - Adhered to high-quality development standards while delivering solutions on-time and on-budget.
 - ♦ **Working responsibilities (key skills)** ASP.Net Applications, IBM Informix DB, Oracle DB, SQL Server T-SQL development, HTML basics, MVC, Entity Framework, AJAX, jQuery, XML, Web services, Object Oriented Programming techniques and Design Patterns, developing mobile apps.

♦ **Projects**

- Computer and sports tuitions fees
- Employee & Students Exam Schedule
- International Educational Programs IEP AASTMT school schedule and financial programs
- AASTMT Strategic plan project
- AASTMT Financial plan project
- iOS AASTMT Portal Mobile
- Training college of pharmacy staff and customize student system to be compatible with edu. plan
- AASTMT student Graduates CV
- Library entrance and exit gates tracking
- AASTMT College Schedules
- Follow up educational registration problems and duties
- Upgrade Financial plan project from Informix DB to Oracle DB
- Clinic Reservation
- Alumni Management System
- AASTMT Support System
- Training Management System
- Applying Devops Concept (CI/CD)

➤ **May 2020 – Present: Egyptian Council of State, Egypt.**

Project Team Leader

- Applications for candidacy for Egyptian Council of State

➤ **May 2019 – Present: Arab Academy for Science, Technology and Maritime Transportation, Alamein Campus.**

Head of Technical Support Specialists at Alamein Campus

- Training and Monitor Alamein users
- Implement & support AASTMT systems for new colleges (Dentistry – Medicine)
- Attendance Employees Face and Fingerprint Management system

➤ **Jan. 2020 – Present: College of Pharmacy, Arab Academy for Science, Technology and Maritime Transportation.**

Assistance Dean for Information and Technology

➤ **Sept. 2017 – Present: College of Engineering, Arab Academy for Science, Technology and Maritime Transportation.**

Assistance Lecturer (CC111 Intro. To Computer, CC112 Structure programming, CC114 Intro. To Progr.)

➤ **Sept. 2017 – Present: College of Pharmacy, Arab Academy for Science, Technology and Maritime Transportation.**

Assistance Lecturer (For Computer Based Courses)

➤ **Sept. 2017 – Present: College of Computing & Information Technology, Arab Academy for Science, Technology and Maritime Transportation.**

Assistance Lecturer (CC111 Intro. To Computer, CC112 Structure programming, CC114 Intro. To Progr.)

➤ **Sept. 2016 – Mar. 2017: College of Pharmacy, Arab Academy for Science, Technology and Maritime Transportation.**

Teaching Assistance (Computer Based Courses)

TRAINING EXPERIENCE

➤ **July 2012 – October 2012: IBM Smart Village**

Trainee, in supporting the US team (Global Technology Services)

- Implementation of Infrastructure of networking systems
- Implementation of IBM SYSTEM X
- Implementation of Cisco networking
- Work with Maintained of hardware
- How to follow up a Ticket Issue
- Working and Installing Citrix machines and Citrix XenApp
- How to use Linux REDHAT
- Implementation of Microsoft Servers and Active Directory

➤ **September 2012: Pharco Pharmaceuticals**

Trainee, to understand the Networking system of manufacturing pharmaceutical.

➤ **July 2011 – August 2011: Systel for Communication Constructions “SYSCON”**

Training on 3G Overview

➤ **July 2010 – August 2010: Systel for Communication Constructions “SYSCON”** (subcontractor of Motorola Technologies) 2G RF Optimization Engineer at Mobinil Optimization Project

- G.S.M Overview, RF Planning, Optimization, Field Measurements.
- Responsible of enhancing the main network KPIs in the assigned area or group of sites.
- Dealing with congested cells by taking necessary actions such as selecting new valid frequencies and request the responsible team to equip them, or requesting hardware upgrade.
- Special occasion preparation such as summer season.
- Special event preparation such as musical concerts and football matches.
- Live monitoring of the network KPIs.
- Reporting and following up operational problems.
- Detecting & analyzing worst and degraded cells, then taking the necessary action to solve them such as changing frequencies, parameters, physical design.
- Drive test implementation and analysis.
- Check and solve customer complain handed by network complain team.
- Send daily KPIs report with Justifications.
- Preparing new site/sector data by sending configurations, target BSC and LAC, selecting frequencies and NBRs list.
- Responding to different customer requests that related to the optimization service. Issuing new MapInfo layer on weekly bases or when needed.

TECHNICAL DUTIES & COURSES

➤ **Highly skilled in**

Software Design/Development, Mobile/Application Development, Object-Oriented design, UI design, Web Developing (ASP.NET, MVC, PHP), Web Designing (HTML, CSS, JS), Database (Oracle, Informix, SQL Server), C, C++, JAVA.

➤ **Courses & Technical Certifications**

CCNA, MCSA, MCSD, Mobile Programming, JAVA Programming, C# Programming, CompTIA N+ Network Diploma, Adobe Photoshop, Autodesk AutoCAD, Presentation Skills

➤ **Basic Awareness of**

Xilinx, Proteus, Lab VIEW, Assembly language, VHDL.

PERSONAL EXPERIENCE

- Able to work in teamwork and collaboration skills, ability to manage multiple projects at the same time.
- Adaptable, helpful, creative, hard-worker and able to self-learning.
- Facilitated staff planning meetings, promoting individual high level of personal achievement.

CERTIFICATIONS

- **Computer Department (AAST):** Representing my graduation project in 40th annual conference for the association of Egyptian-Americans Scholars.
Awards: Certificate of Appreciation on (April 2014) and Fully Scholarship M.Sc. in Canada.

REFERENCES

- **Prof. Dr. Sherin M. Youssef**
(Professor, Head of Computer Engineering Dept.)
Address: Arab Academy for Science, Technology & Maritime Transport, Abu Kir Campus, Alexandria, Egypt.
Tel: +201009704237
Email: sherin.youssef@gmail.com
- **Prof. Dr. Khaled Negm**
(Software Global Competency Center Leader, Master Inventor, Distinguished Scientist, IEEE Fellow, ACM Fellow, CISM)
Address: IBM Smart Village
Tel: +201003888536
Email: drnegm@eg.ibm.com
- **Dr. Mahmoud Farouk**
(Dean of Information Systems and Decision Support, Alex, AASTMT)
Address: Arab Academy for Science, Technology & Maritime Transport, Abu Kir Campus, Alexandria, Egypt.
Tel: +201222832176
Email: Mahmoud.farouk@aast.edu
- **Prof. Dr. Yousry Saber El-Gamal**
(Consultant for President of Arab Academy for science and technology, Alex, AASTMT)
- Former Minister of Education
Address: Arab Academy for Science, Technology & Maritime Transport, Abu Kir Campus, Alexandria, Egypt.

Certificates and Transcripts are available upon request.
