

Abdallah Nasser Helal

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Career Objective:

Seeking a challenging position in computer engineering field within a multinational company where I can work in stimulating environment that will enable me enhance my knowledge and skills to best serve the organization aiming success.

Educational background:

- | | |
|---|---|
| - BS Computer Engineering
Faculty of Engineering at Shoubra (Benha University), third year. | September 2012 - Current
Average Grade: Good (72%). |
| - Secondary school level
Qalyub Secondary school, scientific mathematical | September 2010 – June 2012
Grade: 96.8% |

Languages:

- **Arabic** (Native or bilingual proficiency).
- **English** (Professional working proficiency).

Technical Skills:

Programming languages:

- C, C++, C#, Java, Python, HTML, CSS, JavaScript, PHP and LabVIEW.

Technologies:

- NetBeans, eclipse, Microsoft visual studio, CodeBlocks, sublime, notepad++, CPU simulator, Hase, Weka.
- Logisim, ABBYY, Tripad & foxit pdf editors.
- Microsoft office, Adobe (reader, acrobat & Photoshop).
- Windows: XP, vista, 7, 8, 10
- Ubuntu: 12.04 – 15.10

Projects:

- **Blind reader (Current):** Android application that scans any typed text in Arabic and converts it into voice to help the blind people have their books read without any need of help.
- **Computer architecture project (2016):** Simulating of pipelining and cache Using Hase and CPU simulator
- **Space invaders game (2016):** Classic space invaders game using TivaC TM4C123GH6PM kit and NOKIA 5110 display (Embedded systems: shape the world course's final project).
- **Operating system demo (2015):** Java application which simulates how an operating system works focusing on file system, data transfer, Scheduling and how the RAM works.
- **Tic-Tac-Toe game (2015):** using logic circuits by **logisim**.
- **Lapsack game (2015):** windows-based game about a thief who went to a shop to steal it and wants to fill his bag with the most valuable goods without any overload its logic is based on the classical algorithm (knapsack).

Competitions & conferences:

- **Global game jam (2015):** Worldwide event which is gathering of game developers for the purpose of planning, designing, and creating one or more games within 72 hours.
- **ACM ECPC competition (2014):** National qualifying round for the regional ACPC competition.
- **AMECSE (2014):** Africa and Middle-East Conference on Software Engineering.

Online Courses:

- Intro to statistics, Udacity .	Enrolled
- Intro to Artificial intelligence, Udacity	Enrolled
- Intro to machine learning, Udacity .	Enrolled
- Machine learning, Coursera .	Enrolled
- Machine learning (supervised, unsupervised & reinforcement), Udacity .	Finished
- High performance computer architecture, Udacity .	Finished
- Embedded systems: Shape the world, edx .	Finished
- Introduction to Operating Systems, Udacity .	Finished
- High performance computer architecture, Udacity .	Finished
- Dynamic programming techniques, tutorials .	Finished
- Data structures, tutorials .	Finished

Key Skills and Strengths:

- Very quick learner with an excellent searching skills.
- Working under pressure and adapting quickly with different circumstances.
- Problem solving and analytical skills.
- Public speaking & excellent presentation skills.
- Working with a team or individual.
- Good negotiating and persuading skills
- Hard-working.

Experience as a volunteer:

- Project manager at Enactus SFE	Mar. 2016 - (Current).
- Operations committee head at LIFE student activity	Nov. 2015 - (Current).
- President at LIFE student activity	Aug. 2014 - Jul. 2015
- Academic vice head at LIFE student activity	Apr. 2014 - Aug. 2014
- Fundraising member at IEEE BU student branch	Jan. 2014 - Jun. 2014
- Academic member at LIFE student activity	Jan. 2014 - Apr. 2014
- Team member at Shoubra scouts	May. 2013 – Aug. 2014
- IT & Social media member at Almoultka student activity	Jan. 2013 – Jan. 2014
- Life makers volunteer	May 2012 - May 2013

Personal info:

- Date of birth: October 20, 1994
- Religion: Islam.
- Nationality: Egyptian.
- Gender: male.
- Marital status: single.