



Mostafa Abdelaziz

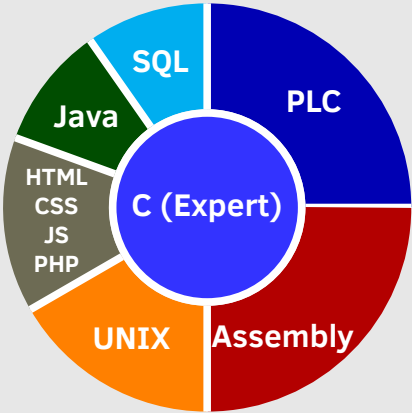
Computer and Systems Engineer

- 30 April 1993
Metro Vancouver, Canada
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About me

Professional engineer with wide technical expertise in automatic control systems, computer networks, computer architecture, embedded systems, and database systems.

Skills



OS

- GNU/Linux
FreeBSD
Windows

Languages



Education

- 2011 - 2016 B.Sc., Computer and Systems Engineering
GPA: 3.94.
Overall Ranking: 1st.
Graduation Project: FPGA computer based on MIPS architecture.
Course Highlights: Control Theory, Modern Control, Embedded Systems, Computer Architecture, Software Engineering, System Software, Operating Systems, Compilers, Switching Theory, Automata Theory, Complexity Theory.
2008 - 2011 High School
Overall Grade: 407.5/410 (99.36%).
Specialization: Mathematics.

Experience

- Jun - Sep 17 Control Systems Engineer
Advanced HVAC Consultant, Cairo
Role:
PLC/DDC programming for advanced HVAC systems.
Duties:
1. Programming Saia Burgess PCD PLCs.
2. Designing BMS interfaces using Tridium controller.
3. Designing interfaces for various communication protocols.
4. Completing the deployment of BMS systems for several clients.
5. Instructing our teams on implementation of electrical boards.
6. Troubleshooting and solving technical problems.
Jul - Dec 16 Software Engineer
Ejada Systems Ltd., Alexandria
Role:
Programming software modules for our clients.
Duties:
1. Implementation of CRM systems using Oracle Siebel.
2. Developing BigData solutions using Hadoop and Scala.
Jun - Sep 15 RA Intern
SmartCI Research Center, Alexandria
Role: Implementation of the storage system of cognitive radio cloud.

Selected Projects

- Systema Programming Language.
Quafios Operating System for x86 and MIPS.
Radio KAOS: Cognitive Radio with Dynamic Spectrum Sharing Engine.
CDP: Reliable Data Transfer Protocol for Linux Kernel TCP/IP Stack.
System for OS image distribution over cloud using Frisbee.
QCC C/Java Compiler for GNU/Linux.
Technical Report on UEFI.
Educational Program with Animated Agent for Disabled Children.

Awards

- 2017 IELTS English Language Certificate, Band Score: 7.5.
2017 CSED Golden Armor for the top student of 2015-2016 Class.
2017 Prof. Naeem Abou Taleb Award for top student.
2016 Certificate of Excellence, Alexandria University.
2015 Certificate of Excellence, Alexandria University.
2014 Certificate of Excellence, Alexandria University.
2013 Certificate of Excellence, Alexandria University.
2012 Certificate of Achievement, ACM Alexandria CPC.
2010 Silver Medal, Egyptian Olympiad in Informatics.
2009 Silver Medal, Egyptian Olympiad in Informatics.
2008 Platinum Award, Cyberfair, Bibliotheca Alexandrina.

- Mailing Address: 7252 Hastings St., Burnaby, BC, Canada - V5A 1G8.
- You can find the LaTeXsource code of my resume at http://www.github.com/iocoder/resume.