

Ahmed Abdulkareem

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Professional Summary

Software Engineer who precisely executes development projects from concept to delivery.

Education

Bachelor of Science: Computer Engineering 2016
Portland State University - Portland, OR.

Expertise

- Advanced knowledge of C/C++
- Expert in Python
- Advanced knowledge of Data Structures/Algorithm
- Multithreaded programming
- Knowledge of network/TCP/IP
- CVS, GIT.
- SQL, MongoDB, MEAN
- HTML, JavaScript, NodeJS, AngularJS
- Excellent problem-solving abilities
- Design review
- Database management software
- Program testing software
- Web-based software engineering

Professional Experience

Software Engineer 04/2017 - Present
Intel Corporation. – Hillsboro, OR.

- Developed and maintained an automation web for testing purposes using Node js with the MEAN stack framework
- Redesigned the entire automation system for the 10G Ethernet using Python for backend, Node js for front end along with the MEAN stack framework.
- Wrote over 50 test cases for 10G Ethernet using Python and STAF.
- Modified existing test plans to verify correct feature requirements using Python.

Software Engineering Intern 06/2016 to 12-2016
Harmonic Inc. – Beaverton, OR.

- Wrote maintainable and extensible C/C++ code that manipulated video formats in a team environment.
- Modified existing QA system, upgrade interfaces and improve testing performance in Python.
- Prepared detailed reports concerning project specifications and activities.
- Wrote extensive C/C++ code to convert video formats from YUV to MP4.
- Worked closely with other team members to plan, design and develop robust solutions in a timely manner.
- Wrote and implemented Python, Tcl, and Perl scripts to stream MP4 video packets live from YUV packets.

Software Engineering Intern 03/2015 to 09/2015
Mentor Graphics – Wilsonville, OR.

- Designed and implemented a web application that was later proposed to become a product.
- Applied performance tuning techniques to existing web applications.
- Collaborated with other offices and territories to plan and implement new features to the web application I implemented.
- Applied database performance tuning techniques, specifically in MySQL.
- Provided continued maintenance and development of bug fixes and patch sets for existing web applications.
- Consistently met deadlines and requirements for all production work orders.
- Prepared detailed technical design specifications for the projects assigned to me.