

Saad Rasheed

SOFTWARE ENGINEER

Chicago, IL USA

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Summary

Software engineer with experience writing software for encryption products. Experienced in agile workflow building embedded hardware solutions. I'm passionate about building, tinkering and making things better.

Work Experience

Motorola Solutions

Chicago, Illinois

SOFTWARE ENGINEER

Jan. 2018 - Present

- Developed encryption software and security-related features for multiple embedded products.
- Implemented cross-platform applications for a variety of different host architectures.
- Integrated legacy code base with modern continuous integration and deployment tools.
- Implemented testing framework using IP Stack and TCP/UDP Protocols.
- Developed and integrated test diagnostic software for encryption products within a telecommunications infrastructure.

Education

Northern Illinois University

Dekalb, Illinois

B.S. IN COMPUTER SCIENCE

2015 - 2017

- Distinction: Cum Laude
- Relevant Courses: Data Structures, Algorithms, UNIX, Networking, Databases, iOS Mobile Programming, Assembler Mainframe, Java, Operating Systems, Computer Architecture and Systems

Extracurriculars

Schaumburg Motorola Hackathon

Schaumburg, Illinois

TECHNICAL ENABLEMENT LEAD

Jan. 2019 - Apr. 2019

- Led a team to setup required technical infrastructure for hackathon, hosting approximately 100 participants.
- Team enabled participants to use GitLab, GitHub, Cloud Instances alongside proprietary Motorola hardware.

Google Extension

Google Chrome Store

MINIMALIST

Feb. 2019 - Present

- I developed and maintain a minimal note taking application for Google Chrome.
- Implemented application using document object model.

iOS Application

Northern Illinois University

UNIBOARD

Dec. 2016 - Feb. 2018

- I developed a social media iOS application that allowed university students to sign up and communicate publicly through posts and images.
- Firebase was used for the back-end and data store to allow users to comment and like other user's posts.

Skills

Languages, C, C++, Python, Bash, Batch, Swift, Java and Javascript

Operating Systems, Linux, UNIX, Windows, HP/UX and PowerPC

Higher Level, Knowledge of the software development lifecycle, strong verbal and written communication skills, excellent at debugging, critical thinking and problem solving.

Interests

Academic, Machine Learning, Containers, Automation, IOT, RF/Wireless and NodeJS

Computers, Hosting a web-server locally connected with IOT devices to allow media server to be accessed remotely. I enjoy customizing my Linux distro and creating custom utilities for it.

Other, Hobbyist photographer and camera geek