Saad **Rasheed**

SOFTWARE ENGINEER

Chicago, IL USA

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Summary

Currently a embedded software engineer at Motorola Solutions writing software for encryption products. I'm passionate about building, tinkering and making things better

Work Experience

Motorola Solutions
Chicago, Illinois

SOFTWARE ENGINEER II
Mar 2019 - 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.

Motorola Solutions
Chicago, Illinois

SOFTWARE ENGINEER I
Jan 2018 - Mar 2019

- Implemented testing framework using IP Stack and TCP/UDP Protocols.
- Developed and integrated test diagnostic software for encryption products within a telecommunications infrastructure.

Education

University of Illinois Urbana Champaign
Urbana-Champaign, Illinois

M.S. IN COMPUTER SCIENCE
2019 - Present

- Relevant Courses: Distributed Systems (Cloud Computing), Parallel Programming

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

Tools, Git, Jira, Jenkins, Docker, Azure, Gitlab, Clearcase and Artifactory

Higher Level, Knowledge of the software development lifecycle, strong verbal and written communication skills, excellent at debugging, critical thinking and problem solving. Diverse experience working on embedded systems.