

# 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

### 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.