

AASIYAH FEISAL

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EDUCATION

North Carolina State University

Raleigh, NC

- B.S. Computer Science (*Dean's List*) - **May 2020**
 - **Specialized Courses:** Data Structures & Algorithms, OOP in Java & C, Software Engineering, Networking, IoT Systems, Computer Security, Operating Systems, Assembly

PROFESSIONAL EXPERIENCE

Open Source Developer

Microsoft Quantum Computing

Jan 2020 – April 2020

- Extending usability of the open source project OpenCensus so that it may seamlessly collect telemetry data from **Python** and **Node.js** applications
- Working iteratively alongside Microsoft's Quantum Computing team while consistently following **AGILE** development processes, holding code review meetings, and providing detailed written reports

Network Engineer (Intern)

Cisco Systems

June 2019 – August 2019

- Developing documentation and added functionality to an automation tool written in **Python** which simplified the usage of components within **SD-WAN** alongside professionals within Cisco's Customer Experience team

Undergraduate Researcher

The Friday Institute for Educational Innovation

August 2018 – May 2019

- Communicating with a team of researchers from varying disciplines to debug full-stack applications with manual **UI/UX** testing which focused on edge case logic
- Integrating **JavaScript** logic into educational programs in settings varying from Elementary School level curriculum to University level curriculum

RELEVANT PROJECTS

- **iTrust2** - developed features of a full-stack web application with a **Java** backend utilizing **API** calls and a **JavaScript/AngularJS** frontend which was tested using **Selenium**
- **AARF Dog** - wrote a Slack bot utilizing **JavaScript** and **Node.js** responding to targeted words/phrases
- **P2MP Client/Server** - used **C** to develop a file sharing system across networks using **TCP**

SKILLS

- Skilled in **Linux** Shell, **Git**, and **Jenkins** workflows
- Programming Languages: **Java**, **Python**, **C**, **Javascript**, **C++**, **HTML**, **CSS**
- Experience with **AngularJS**, **Bootstrap**, **React**, and **Node.js** frameworks/environments
- **UI/UX design** experience with wireframes, UML diagrams, and interaction flows
- Detail-oriented team player with excellent written and verbal communication skills