

# Haroon Feisal

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## Education

**University of North Carolina at Chapel Hill** - (*Highest Distinction*)

Computer Science B.S. & Statistics and Analytics B.S.

**Chapel Hill, NC**

**2018 - 2021**

### Related Coursework

Data Structures & Algorithms, File Systems and Databases, Internet Services and Protocols, Methods of Data Analysis, Intro to Data Science, Optimization & Linear Programming

## Skills

### Programming

Java · JavaScript · C/C++ · Python · C#

### Web/Media

MongoDB · Express · React/React Native · Node · Photoshop

### Platforms

Linux · OSX · Cloud Computing · Amazon Web Services Certified



## Work Experience

**Software Engineer (Intern)** – Microsoft Azure

*May '21 – Aug '21*

- Automation using **.NET** framework
- Deployment using **Azure Pipelines** and **Azure DevOps**
- Active member of the scrum team (**AGILE** Development)

**Software Engineer (Intern)** – Fidelity Investments

*June '20 – Aug '20*

- Alert development using **Java Spring** framework
- Server migration using **Jenkins** and **IBM UrbanCode Deploy**

**Sensei** – Code Ninjas

*May '19 – Sept '19*

- Taught kids **JavaScript** and Scratch through development of videogames
- Helped design and debug **JavaScript** games to be used in the curriculum

## Projects

### Hercules

**MongoDB · React · Express · JavaScript**

Utilized the MERN (**MongoDB, Express, React/Redux/React-Native, Node**) stack to design a server to access a database and create a front-end portal to search, update, and delete data from the backend.

### Chargeo

**Express · JavaScript**

Designed a backend server with **RESTful** API that utilized the **SmartCar API** and Google Maps route data. The frontend Mobile App sent **HTTP** requests to our API to fetch and display the map to the nearest gas station.

## Activities

### Technology Stacks Medium Publication

A Medium publication that explains software stacks and breaks them down into easily digestible pieces. I used **Hercules** as an example project to show what can be done with the MERN (**MongoDB, Express, React/Redux/React-Native, Node**) stack.

### HackDuke 2019 (Winner of Best SmartCar API Hack)

24 Hour hackathon at Duke University, where I had the opportunity to work as a team to create **Chargeo**, an app that automatically adds charging stations to your current route when your smart car is projected to be low on battery.

### UNC-Chapel Hill eSports – Treasurer (2019-2020)

- Tracking, managing, and raising funds for new events and giveaways
- Planning fundraisers and events for the community