

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

- Built an internal pipeline that enabled developers to get direct and immediate access to their Swagger output for validation.
- Integrated GitHub and DevOps to automate the Swagger validation process and hasten the delay from feature to the public-facing Azure SDK.

Software Engineer (Intern) – Fidelity Investments

June '20 – Aug '20

- Worked with the mobile alerts team to add new notifications for various investment actions.
- Tested and demoed new SMS alerts that extended existing push notification services.

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.