Ayub Farah

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EDUCATION

Bachelor's of Science in Computer Science   Expected Graduation, May 2025

The University of Houston

WORK EXPERIENCE

Software Engineering Intern| VERSD   August 2022 - Present
- Creating internal tools to automate business management tasks with **Python**
- Enhance continuous integration and deployment, code quality, and unit testing in **TypeScript**
- Imrpove documentation for the mobile application and server

COVID-19 Medical Tester| Spring Staffing Services   June 2020 - June 2021
- Processed patients to get tested for COVID-19
- Filed patients into the system for results and further information/action.
- Tested and handled thousands of patients.

PROJECT EXPERIENCE

CodeRED Hackathon | Team Lead, 1st Place Winner   November 2020
- Won 1st place in JPMorgan & Chase "Best Hack for Social Good" competition by creating a service where students can visualize potential college debt depending on location, institution, and major
- Created a web application that graphs potential college debt after the anticipated graduation date using **ChartJS**
- Competed in a team of four with over 80 other participants and 24 hours to complete our projects

Wink | Personal Project   January 2022
- Used **TypeScript** & **Express** to create a full-stack social media web app where users could post and view other users posts
- Used **Bcrypt** to hash passwords and streamline the authentication process.
- Created a database using **MongoDB** to store user profiles and posts.
- Made dynamic components for the frontend with **React**, written in TypeScript

Qwill | Personal Project   October 2021
- Used **React** to create a demo of social media website frontend
- UI created with components from **React-Bootstrap**
- Multiple pages with routes using **React-Router**
- Full user account functionality (Registering, logging in, logging out, posting)

PROFESSIONAL DEVELOPMENT

Google's Computer Science Summer Institute -   July 2022 - August 2022
Participant

- Participated in a 4-week intensive computer science summer program for high-achieving students
- Completed an introductory project-based HTML/CSS and JavaScript curriculum taught by Google engineers
- Attended product design, resume development, and software engineering interview workshops
- Delivered a collaborative final project presentation that included a live demonstration to Google employees and community leaders

SKILLS

Programming Languages: Python, JavaScript, Java, Bash, C++, Ruby

Frameworks & Libraries: TypeScript, Flask, React, ExpressJS, NodeJS, Bootstrap, Sass

Databases: SQL, MySQL, MongoDB, PostgreSQL

Tools: Git, Linux, Unix Shell, Windows, Postman, Heroku