

# Ayub Farah

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## EDUCATION

### Associate's of Science | Computer Science

Expected Graduation, May 2023

Lone Star College

- Cumulative GPA: 4.0
- Relevant Courses: Programming Fundamentals I

### Bachelor's of Science in Computer Science

Expected Graduation, May 2025

The University of Houston

## PROJECT EXPERIENCE

### CodeRED Hackathon | Team Lead

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.
- Used **Bcrypt** to hash passwords and streamline auth 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 **React-Bootstrap**

### Portfolio | Personal Project

December 2021

- Set up an API using **Python** with **Flask**
- Used **MongoDB** with **MongoEngine**, an Object-relational mapper for **Flask**
- Created the frontend using **TypeScript** with **React**

### Neon | Personal Project

February 2022

- Used **PostgreSQL** to set up a rudimentary task organization web app
- Frontend made with **React** and **TypeScript**
- Backend running on **Express** with **TypeScript**

## WORK EXPERIENCE

### COVID-19 Testing Team | Spring Staffing Services

June 2020 - Present

- 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.

## 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