Alex Wu

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Education

Texas A&M University, College Station, TX **September 2018 – May 2022**
Computer Science Honors Student

- GPA: 4.0
- Completed CS Classes: Programming Design, Data Structures, Discrete Structures, Computer Organization, Design/Analysis of Algorithms, Programming Languages

Skills

Proficient: Java, C++, Python, HTML, CSS
Familiar: Javascript, Typescript, Spring Tool Suite, React, Git, Angular

Experience

Microsoft: New Technologist Intern **June 2020 – August 2020**

- Prototyped, designed, and developed a web application from the ground-up that empowers young individuals to stay informed about their local government by collecting open-ended problem statements, user requirements, and implementing a know-it-all chatbot and news aggregator.
- Implemented a state-of-the-art interactive user experience with bubble-topic animated components in React.
- Built a latest up-to-date news feed to increase participation in young viewers and help users stay informed in React.
- Collaborated in a team of five utilizing Agile development best practices.

Fidelity: LEAP Software Engineering Intern **May 2019 – August 2019**

- Decreased analysis time ~2x for discovering extreme discrepancies among financial data for system-wide migrations and other internal business usage by creating a comprehensive full-stack web app with Angular, STS, Postman, Vscode, Git, and Java.
- An internship program that gives college students experience with the Agile process and Software Engineering track.

Google: Computer Science Summer Institute **July 2018**

- Link to A New Path: **https://euphoric-oath-279716.nn.r.appspot.com/about**
- Created a full-stack social-media platform, A New Path, that dynamically tracked active miles during various sustainable activities (walking, biking, and carpooling) to encourage people to live a greener and healthier lifestyle.
- Utilized Google App Engine, Data Storage, and developed skills in Python, HTML, CSS and Javascript
- An intensive and selective program for only 30 students studying computer science.

Projects

EasyFly (TAMUhack) **January 2019**

- A hackathon project that used Azure in order to stream-line the check-in process for passengers.
- Implemented binary search algorithm to speed-up search for flight information.

GO-ASK (Patent: In Progress)

- Designed efficient hardware components for an interactive kiosk that helps international passengers navigate their way to their transfer flights at large airports.

Extracurriculars

Navigator's Program at DFW International Airport **August 2014 - May 2018**

- Volunteered about 100 hours each year by helping international travelers navigate through the airport.

Awards

Dean's Honor Award (Spring 2020)