Alexander Kim

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Education

University of Washington   Seattle, WA
Bachelor of Science in Computer Science,   *Expected Graduation Winter 2021*
Cumulative GPA: 3.80
Related Coursework: Java Programming I & II, Linear Algebra, Foundations of Computing I, Social Networking Technologies, Data Structures and Parallelism, Hardware/Software Interface

Technical Skills

Programming Languages
Proficient: Java, HTML, CSS, JavaScript
Familiar: R, C, Python
Database Management: Firebase
Software/Tools: Microsoft Office, Eclipse, IntilliJ, jGRASP, Visual Studio Code, Vim, Sublime Text, Adobe Visual Studio
Cloud-based Technologies: AWS, Docker

Relevant Experience

Research Assistant and Webmaster   **Apr 2019 – Present**
UW Reality Lab Seattle, WA
- Regularly handle any necessary updates to the lab website as directed by the head administration.
- Researching into computer vision with the current goal of embedding an individual's selfie into another celebrity's front-facing image from a data set of superimposed test pictures of the two images.
- Implemented website scalability for news and lectures by incorporating hosting through Wordpress.
- Developed and presented a new web application that

Student Developer   **Oct 2018 – Present**
Husky Tech Seattle, WA
- Manage updates with the club website and coordinate with design team for quarterly website revamps.
- Oversee the student resume database for club sponsors and create new analytics functionalities as directed.
- Currently creating a new website designed as a hub for sponsors and students to coordinate with attendance and assistance for the Husky Tech Project Showcase program.
- Developed a check-in interface using React and Firebase to handle future sponsor events and create analytics such as number of resumes submitted, attendance, and event ratings.

CSE Introductory Course Teachers Assistant, Seattle, WA   **Mar 2018 – Present**
- Teach weekly sections to a class of about 21 students with the responsibility of grading assignments, proctoring exams, holding separate office hours, and monitoring individual student progression.
- Communicate with the head of the introductory programs to ensure standardization of grading criteria across all introductory sections and uniform teaching resources.

Projects

DubsMatch   **Oct 2018 – Present**
Mobile application designed to pair students at the UW with their ideal club using React Native and Expo as the base framework for implementation and testing along with Python's Sklearn classification model for prediction.

CrimeVis   **Nov 2018 – Dec 2018**
Utilize R for the primary data filtering along with Shiny, Leaflet, and MapBox in order to design map visualizations and architect a web application purposed for promoting safety in traveling around Seattle.

Website Portfolio   **Jun 2018 – Sep 2018**
Personal website located on UW servers at http://students.washington.edu/ajk38 and built using HTML, CSS, JavaScript (jQuery), and PHP to store user contact.

Activities & Interests

Theta Tau Engineering Fraternity Web Developer/Marketing Lead   **Apr 2018 – Present**
Completely developed the fraternity website in accordance with the design team's plan. Other jobs currently include updating pledge bios and fraternity events to promote membership and increase quarterly rush participation.