Alex Kim

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EDUCATION

University of Virginia, Charlottesville, VA   *Expected Graduation May 2024*
B.S. Computer Science with Engineering Business Minor
Cumulative GPA: 3.6/4.0
Relevant Coursework: Computer Architecture, Software Development Methods, Intro. to Cybersecurity, Linear Algebra, Program & Data Representation, Digital Logic Design, Theory of Computation, Advanced Software Development, Algorithms, Machine Learning

Riverside High School, Leesburg, VA   *Graduated June 2020*
UW GPA: 4.0/4.0 | W GPA: 4.55 | Top 25 of Graduating Class

RELEVANT EXPERIENCE

Red Edge, LLC   **Arlington, VA**
Web Development Intern   *May 2022-Aug 2022*
- Served as an integral leader in the software development team and developed web applications for several large/politically important clients and Red Edge itself. Independently took on the responsibility of fulfilling multiple clients' full-stack needs
- Developed extensive experience in QA testing, such as within IOS/Android environments, to ensure a functional UX design
- Solidified understanding of full stack development and its technical processes through meaningful contributions

UVA Development Hub   **Charlottesville, VA**
Software Development Intern   *Aug 2021-May 2022*
- Tasked to collaborate with a software development team and work alongside a project manager to develop helpful software applications for specific partnered clients and the university community
- Served as a UX designer to build agile managed web applications structured through weekly sprints and continuous communication with the project manager (Scrum Master)

Forge   **Charlottesville, VA**
Node Student   *Sep 2020-Nov 2020*
- Ten-week data science course which taught core data literacy skills and their appliance into specific domains of interest through Python programming
- Expanded knowledge of the possibilities of data science by developing data cleaning, machine learning, and web scraping skills through extensive problem solving and labs

PROJECT EXPERIENCE

- Independently created a web-based professional ad dashboard for Red Edge that allows company users to display important advertisement statistics to clients. Used integrated Google Sheets, Laravel, React JavaScript, PHP, and technical APIs. 2022
- Served as a UX designer within a software development team to create a web application that provides information to users about UVA's buildings. Managed/designed homepage user interface through HTML/JS/Bootstrap, 2021-2022
- Individually/independently developed a professional website to serve as an online portfolio through HTML, CSS, Bootstrap, and JavaScript front-end development. Learned the foundations of website design and software development, 2021
- Individually/independently developed a GitHub repository containing a python program that analyzes a movie metadata set to visualize films and their respective IMDB scores for a particular director inputted by the user, 2021

ACTIVITIES AND LEADERSHIP

Theta Tau Engineering Fraternity   **Charlottesville, VA**
Treasurer   *Jan 2022-Present*
- Prepared and managed fraternity finances for brotherhood events and the executive board of officers
- Responsible for semester budgets, due collection from fraternity members, and communication with Theta Tau nationals

Riverside Class of 2020   **Leesburg, VA**
Class Treasurer and Class Officer   *August 2016-June 2019*
- Served as a liaison between school faculty and 450+ students via frequent communication and event planning with a specific focus on the allocation of funds
- Accomplishments: Successfully gathered/managed over $32,000 through events, fundraising, etc. singlehandedly, attended monthly meetings with head of school, organized/managed an event for over 800+ students, established professional relationships with local businesses

SKILLS AND CLASS PROJECTS

- **Skills:** C++, Python, Java, Bootstrap, HTML, CSS, JavaScript, MATLAB, GitHub, Office 365, Django, Full Stack, WordPress/ACFs, jQuery, PHP, Timber, Laravel, React, Next.js, MySQL, API usage/implementation, Lando, QA Testing
- **Projects:** Huffman Coding Implementation (via various data structures), Graph Sorting/Traversal Algorithm Implementation, Bash Shell Script Programming, 8 Puzzle Problem Solver (practicing data structures and code optimization), etc.