

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: 3.628/4.0

Relevant Coursework: Computer Architecture, Software Development Methods, Cybersecurity, Linear Algebra, Program & Data Representation, Digital Logic Design, Theory of Computation, Advanced Software Development, Algorithms, Machine Learning, Software Testing, Databases, Operating Systems, New Product Development, Entrepreneurship

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 Scrum Master to create an agile-managed web application that provided users the ability to create and coordinate movie watch parties in a social media format. Utilized Django/technical APIs to master Full Stack/MVC Frameworks, 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 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-Jan 2023

- 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, Docker, Git, Office 365, Django, Full Stack, WordPress, jQuery, PHP, Timber, Laravel, React, Next.js, SQL, API implementation, Heroku, Trello, Lando, QA Testing, Web Scraping
- 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.