

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: Intro Data Science with Python, Software Development Methods, Mathematics of Information, Linear Algebra, Program & Data Representation, Digital Logic Design, Theory of Computation, Advanced Software Development, Algorithms

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

UVA Development Hub

Charlottesville, VA

Software Development Intern

Aug 2021-Present

- Tasked to collaborate with a team and work alongside a project manager to develop helpful software applications for specific partnered clients and the university community
- Learning/using Node JS, Heroku, and JavaScript along with front-end development skills to construct a web application that provides extensive information about UVA's buildings, simplifying access to usage data and other general information

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
- Skills: Google Colaboratory, data manipulation, exploratory data analysis, machine learning, neural networks, data visualization, critical thinking, web scraping

Mindframe Education

Ashburn, VA

STEM Intern

June 2019-July 2019

- Three-week internship teaching/managing classes of various STEM related fields including basic engineering, Python programming, and basic robotics
- Simplified Python programming and basic engineering course concepts for students by creating and implementing unique curriculums, leading to an increased understanding and level of participation from students
- Skills: Python, hardware engineering, public speaking, communication, leadership, time management

PROJECT EXPERIENCE

- Developed a website alongside a web-development team for the University of Virginia community that provides information to users regarding UVA's buildings. Independently created website's homepage and assisted with other pages, 2021
- Individually/independently programmed a professional website to serve as an online portfolio through self-taught HTML, CSS, and JavaScript front-end development. Developed 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 the brotherhood, Theta Tau national communication, and the payment of necessary expenses

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 INTERESTS

- C++, Python, Java, Node JS, HTML, CSS, JavaScript, MATLAB, GitHub, Office 365, Weightlifting, Sports, and Fashion