Alex Kim

(703)380-5515 | alexjoonkim02@gmail.com | 20327 Kiawah Island Drive, Ashburn, VA 20147
https://www.linkedin.com/in/alex-kim-917bb81a5 | https://github.com/ajk3158 | https://ajk3158.github.io/

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 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, Node JS, HTML, CSS, JavaScript, MATLAB, GitHub, Office 365, Weightlifting, Sports, Fashion
- **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.