

EDUCATION

University of Virginia School of Engineering, Charlottesville, VA
Bachelor of Science in Computer Science | GPA: 3.9

Aug 2022 - May 2025

RELEVANT COURSEWORK

Data Structures & Algorithms · Discrete Math · Computer Systems & Organization · AWS Essentials · Software Development Essentials

TECHNICAL SKILLS

Java · JavaScript · HTML + CSS · Bootstrap · React.js · Python · AWS · Figma · MatLab

PROFESSIONAL EXPERIENCE

Computer Science & Math Instructor, Vienna, VA

Jun 2023 - Present

- Implemented a comprehensive curriculum tailored to the needs of middle and high school students, focusing on HTML, CSS, JavaScript.
- Employed various teaching methodologies to ensure active participation and comprehension, including hands-on exercises, real-world examples, and interactive learning materials.
- Stayed updated with the latest trends and advancements in web development, integrating new tools and techniques into the curriculum to enhance students' skills.

Software Engineering Intern for Gigsurf, Remote

May 2023 - Present

- Helped develop and improve full stack website using Java Spring Boot, React.js, AWS S3/DynamoDB/EC2
- Coordinated with UI/UX designers to create clean interfaces and simple, intuitive interactions and experiences.
- Helped with troubleshooting and debugging applications to optimize product performance.
- Implemented security and data protection solutions.

PROJECTS

AlbumQuest, Creation of independent project

June 2023

- Developed a web application using React.js and Bootstrap, allowing users to retrieve top artist albums based on name searches.
- Utilized the Spotify API to integrate backend functionality, enabling real-time data retrieval and analysis.
- Implemented responsive design principles to create a visually appealing and user-friendly interface.

PizzaParty, HooHacks 2023

March 2023

- Used HTML, CSS, JavaScript, PHP, and Bootstrap in order to create a platform that works to increase student engagement in an online classroom
- Integrated a reward and incentive system for instructors to promote student participation and engagement.

Personal Portfolio, Creation of independent project | <https://sujnshn.github.io/>

Feb 2023

- Used HTML, CSS, JavaScript, and Bootstrap in order to create an interactable personal portfolio
- Features advanced formatting and navigation, fully responsive and optimized for mobile, tablet, and desktop use.

LEADERSHIP

Head Fundraising Chair, Korean Student Association

May 2023 - Present

- Planned events with 500+ community participants to spread information on South Korean history and culture
- Maintained connections with local businesses in the Charlottesville area to plan fundraising events, raising over \$1,000 for the community and the organization