

## EDUCATION

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

**Aug 2022 - May 2025**

## RELEVANT COURSEWORK

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

## TECHNICAL SKILLS

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

## PROFESSIONAL EXPERIENCE

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**Software Engineering Intern for Gigsurf, Remote**

**May 2023 - August 2023**

- 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.

**Computer Science Instructor for Fairfax Collegiate, Vienna, VA**

**Jun 2023 - July 2023**

- 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.

## PROJECTS

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**AlbumQuest, Creation of independent project**

**June 2023**

- Developed a web app using React.js and Bootstrap, allowing users to retrieve top artist albums based on 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

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**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