

EDUCATION

University of Virginia School of Engineering, Charlottesville, VA**Aug 2022 - May 2026**

Bachelor of Science in Computer Science, Minor in Buddhism | GPA: 3.8

Relevant Coursework:

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

PROFESSIONAL EXPERIENCE

Software Engineering Intern for Runway, Remote**May 2023 - August 2023**

- Enhanced the full stack of a high-traffic website, incorporating Java Spring Boot, React.js, and AWS services (S3/DynamoDB/EC2), leading to a 30% improvement in load times.
- Coordinated with UI/UX designers to simplify interfaces, leading to a 35% increase in average session duration.
- Implemented data protection solutions, reducing vulnerability exploits by 90% and ensuring compliance with latest data protection regulations.

Software Engineering Intern for AVOLTA, Remote**July 2023 - August 2023**

- Led the frontend team in the development of a mobile app with React and React Native that implemented a novel anti auto-theft system
- Coordinated with UI/UX Designers to create an efficient experience by prototyping wireframes through Figma, which enhanced prototype development efficiency by 50% and reduced time to market by 20%.

PROJECTS

TrashTalk, Django, Bootstrap, Heroku, AWS S3 | <https://tinyurl.com/TrashTalkCS>**Jan 2024 - April 2024**

- Led development of a whistleblower app for reporting campus environmental hazards anonymously
- Facilitated a group as scrum master through the agile development framework, allocating tasks with each sprint.
- Implemented responsive design principles to create a visually appealing and user-friendly interface.
- Increased student confidence in reporting issues by 20%.

CourseReviews, Java, JavaFX, SQL**Dec 2023**

- Led the development of a dynamic review platform enabling users to share and access course feedback
- Integrated a complex login system with a username and password that has common and administrative roles

Personal Portfolio, HTML, CSS, JavaScript, Bootstrap | <https://sujnshn.github.io/>**Feb 2023**

- Developed and deployed an interactive personal portfolio, showcasing projects and professional skills, garnering over 1,000 visits.
- 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

SKILLS/INTERESTS

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL**Developer Tools:** VS Code, Sublime Text, IntelliJ, jGrasp, PyCharm, Eclipse**Technologies/Frameworks:** Git/GitHub, React.js, AWS (S3, RDS, EC2), JUnit, Gradle, JavaFX, Django, Heroku**Interests:** Baking, Kickboxing, Animation, Painting, Violin, Lo-Fi Hip Hop