Casey Vu

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EDUCATION

University of South Carolina   Columbia, SC
Bachelor of Science in Computer Information Systems   *May 2026*
Minor in Business Information Management
Honors: Summa Cum Laude, Palmetto Fellows, Presidential Scholar, Dean's List

Relevant Coursework: Algorithmic Design I & II (Java), UNIX/LINUX (PowerShell, Bash), Discrete Math, Software Engineering (GitHub, JavaFX, UML, JSON, project management, SCRUM), Web Applications (JavaScript, HTML, CSS, MongoDB, Node.js), CIS in Business (Microsoft Office/Excel), Scientific Applications Programming (Python), Data Structures & Algorithms (C++), Golf I, Statistics I (R)

EMPLOYMENT

Blue Cross Blue Shield of South Carolina   Columbia, SC
Software Developer Intern   *May 2024 – Aug. 2024*
- Gained experience in a professional office setting, including navigating internal communication channels and collaborating effectively with team members across departments
- Coordinated across various departments to obtain information and support for ongoing projects, fostering interdepartmental relationships
- Gained valuable teamwork and technical experience using the waterfall model (SDLC) and Agile methodology

Algorithmic Design I Teaching Assistant   Columbia, SC
Undergraduate Teaching Assistant   *Sept. 2023 – Dec. 2023*
- Conducted engaging lab lectures, guiding students through complex algorithmic concepts
- Provided personalized tutoring to students seeking additional support, fostering understanding

PROJECTS

Customer Service App Modernization for BlueCross BlueShield of S.C.   *July 2024 – Aug. 2024*
- Tasked with modernizing the UX/UI of an application going from Dojo to Vue.js
- Found ways to enhance the UX/UI, achieving a more modern and less cluttered interface while maintaining the application's core theme and structure
- Demonstrated rapid learning and adaptability by mastering new technologies/tools on the job

Project Manager Application   *Aug. – Dec. 2023*
- Developed a user-friendly application that organizes multiple projects and tasks with features of account creation, multi-project management, efficient task organization, and more
- Gained valuable insights into the link between backend and frontend development, team dynamics, project organization, conflict navigation, and iterative sprints

Roblox Minesweeper Game   *Aug. 2023*
- Jointly conceived, designed, and developed a unique take on the original Minesweeper
- Innovated a unique Minesweeper experience by incorporating special flags and rewards to incentivize gameplay, alongside a leaderboard system to foster competition and increase player retention for Robux profits
- Showcased strong problem-solving skills by resolving technical challenges and optimizing performance and UI for a smooth, user-centered experience