

Vanessa Heynes

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EDUCATION

Carleton College: Northfield, MN

September 2021 - June 2025

- B.A Computer Science
- Relevant coursework: Database Systems, Computer Systems, Computer Security, Software Design

EXPERIENCE

Computer Science Teaching Assistant

September 2024 - January 2025

Carleton College Computer Science Department

- Selected as a grader based upon my academic performance
- Delivered grades to professors for course sizes of 30+ students promptly each week

Software Engineering Intern

June 2024 - August 2024

Strategic Education Inc, Capella University

- Implemented a data layer to facilitate tracking user interactions on company site using Google Tag Manager, Google Analytics, and React 18
- Tracked 10,000+ user interactions daily across multiple sites
- Contributed to front-end development using React 18, HTML, CSS, and JavaScript to ensure consistency with UI design specifications
- Contributed to sprint cycles using Agile and Scrum methodologies by providing updates in standups and tracking tasks in Jira

Desktop/System Administrator

March 2023 - September 2023

Carleton College Computer Science Department

- Automated maintenance tasks using Bash scripting, Python, and cron jobs to facilitate user account cleanups
- Maintained virtual machines and networked servers with SSH and applied security updates using command-line tools on Ubuntu
- Patched, imaged, and configured software on 100+ Windows and macOS machines

ACTIVITIES

Helpdesk Assistant

January 2022 - June 2025

Carleton College Academic Technology Department

- Assessed and fixed issues with Crestron presentation systems, AV equipment and video conferencing software
- Circulated cameras, microphones, PA systems and other presentation technology

Computer Science Teaching Assistant

July 2022 - August 2023

Girls Who Code: Summer Immersion Program

- Taught introductory Python, HTML, CSS, Javascript and debugging tactics to class sizes of up to 60 students
- Maintained flexibility in adapting to technical difficulties and different students' learning styles

Hack4Impact

September 2021 - December 2022

Carleton Software Engineering Student Organization

- Contributed to front-end mobile application development using React Native 0.66, HTML, CSS
- Collaborated on UI design using Figma and Adobe Creative Suite

TECHNICAL SKILLS

Languages: Java, C, Python, SQL, HTML, CSS, JavaScript, TypeScript

Frameworks and Tools: React 19, React Native 0.8, Docker, Git, Figma, VS Code