**Catherine Pereira**

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**Computer Science Undergraduate | Java, Python, Web Development**

Motivated Computer Science undergraduate experienced with Java, Python, and web development. Strong problem-solving ability, fast leaner, and effective collaborator. Seeking a Software Engineer internship to apply programming skills in real-world development environments.

**Skills**

* Java, Python, JavaScript
* HTML5/CSS3, responsive web development
* Object-oriented programming (OOP)
* Debugging & troubleshooting
* Git & GitHub version control
* Leadership & team collaboration

**Education**

Bachelor of Science in Computer Science

Virginia Commonwealth University, Richmond VA

GPA: 3.0

* Awarded merit-based scholarship for outstanding academic performance.
* Awarded volunteer-based scholarship from First Generation Student Organization.

**Experience**

Programming Instructor @CodeWizardsHQ *June 2024 - July 2025*

* Developed interactive browser-based games using JavaScript, HTML, and CSS, teaching middle-school students core programming concepts, resulting in consistently high student engagement.
* Delivered structured lessons in Python and Java by breaking down complex ideas into accessible steps, improving student comprehension and project completion rates.
* Earned monthly Outstanding Instructor feedback by maintaining strong organization, clear communication, and student-centered teaching practices.

**Projects**

K-Pop Fan Website *June 2025 - Present*

<https://rinwah.github.io/kpop-site/>

* Designed and deployed a responsive multi-page site using semantic HTML5, CSS, Flexbox, and mobile-first layouts, improving load time and readability across devices.
* Integrated artist bios, discographies, and galleries by structuring reusable components and clean file organization, simplifying future feature updates.

**Coursework**

Data Structures | Algorithms | Computer Systems | Discrete Structures | Computing & Data Ethics | Intro to Programming | Software Design Concepts

**Clubs**

Robotics Team

Captain and Member *September 2019 - June 2023*

* Led a team of builders and programmers through the VEX V5 program, coordinating design and testing of competition robots.
* Engineered mechanisms to launch discs and blocks and stabilize on seesaws using iterative prototyping, advancing team performance to state-level competition in 2022.

Emerging Leadership Program *August 2023 – December 2023*

* Collaborated with student leaders to improve campus awareness of dining and food options, expanding outreach to first-year students.
* Volunteered in leadership and community events, including a service activities with local organizations.

Computer Science Mentorship Program September 2023 – December 2023

* Built a starter portfolio and set up Git/GitHub workflows, gaining foundational experience in version control and professional coding practices.

First Generation Student Organization *September 2023 – December 2024*

* Engaged in workshops on academic success, career readiness, and identity development, strengthening confidence as a first-generation student in tech.