

Valeria Rosado Rodriguez

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Education

VIRGINIA TECH - Blacksburg, VA

Expected 2029

Bachelor of Science in Computer Science

Courses Enrolled: Software Design and Data Structures, Intro to Computer Organization,

Contemporary Security Environments

GPA: 3.84

Skills

SKILLS: Java, SQL, C#, JavaScript, HTML, CSS, C, Linux, Visual Studio, Adobe PhotoShop, Microsoft Access, Unity, Object Oriented Programming, Database Design, GUI Development, Github, Git

CERTIFICATIONS: Information Technology Specialist: Java, Microsoft Office Specialist: Microsoft Access Expert, NOCTI: Computer Programming: C#, Information Technology Specialist: JavaScript, MTA: Introduction to Programming Using HTML and CSS, CTECS Workplace Readiness Skills Assessment

Relevant Experience

SOFTWARE & AI DEVELOPMENT INTERN - CLARK MOUNTAIN HOLDINGS

2026-Present

- Built an AI legal intake chatbot via the Claude API to streamline data collection and automated a newsletter pipeline that curates and distributes AI industry updates to leadership.
- Developed 3+ fully responsive, modernized sites tailored to each clients needs ranging from visual touch-ups to full rebuilds.
- Prototyped AI-generated animated educational content for instructional design applications.

BACKEND PORTFOLIO AUTOMATION

2026

- Built a FastAPI service that auto-syncs GitHub repos to my portfolio site, using the Claude API to generate project descriptions from READMEs.
- Designed a protected admin dashboard for manual entries and scheduled jobs to maintain uptime.

TECH-ED CURRICULUM PROJECT - VIRGINIA BEACH CITY PUBLIC SCHOOLS

2024-2025

- Co-developed a Micro:bit coding curriculum with the Virginia Beach Technology Education Coordinator, now implemented across 14 middle schools citywide.
- Designed instructional modules covering JavaScript fundamentals, event-driven programming, and algorithmic problem-solving through project-based learning.

GAME RENTAL DATABASE DESIGN PROJECT

2024-2025

- Co-developed a C# Game Rental interface (~3000 lines) as a GUI-based desktop application in Visual Studio, with a web-style interface, SQL database, and object-oriented models enabling tracking of 20+ rentals.

Awards and Honors

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|---|-----------|
| • WHRO Great Computer Challenge - Web Design | 1st Place |
| • FBLA States - Future Business Leader | 1st Place |
| • TSA States - Webmaster | 1st Place |
| • WHRO Great Computer Challenge - Object Oriented Programming | 3rd Place |

Leadership

STUDENT ENGINEERS' COUNCIL - EBALL CHAIR

2026-Present

- Directing all planning and execution of the Engineers' Ball, an annual formal event with ~900 attendees and a \$49,000 budget, managing a committee, vendor relationships, and logistics.
- Contributing to the organization of Virginia Tech Engineering Expo as part of the SEC executive board, the second-largest student-run career fair in the country.

FBLA STATE VICE PRESIDENT AT LARGE

2023-2025

- Co-led the Virginia FBLA state officer team of 16 and initiatives that increased membership by 16.8% as well as oversaw 6,000+ members.
- Worked closely with ASK Childhood Cancer Foundation to increase their reach in FBLA and fundraised over \$3000.

HISPANIC HERITAGE YOUTH AWARD - TECHNOLOGY

2025

- Silver Recipient Scholarship awarded to 150 out of 10,000+ applicants for excellence in technology and community impact.
- Attended the HHYA Leadership Conference (2025).