NATALIE ROMERO-MARVES

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EDUCATION

Bachelor of Science in Computer Science, Virginia Tech. 3.07   Expected May 2026

Relevant Coursework: Introduction to Software Design, Introduction to Computer Organization, Data Structures and Algorithms, Computer Systems, Principles of Computer Security.

SKILLS

Languages	Java, C, Python, Swift, SQL, Assembly (RISC-V, x86)
Web Development	HTML, CSS, JavaScript, Node.js, React, MySQL
Developer Tools & Technologies	Git, GitHub, GitLab, Docker, Kubernetes, Linux (Bash), Agile Development
Software	Microsoft Office Suite, SolidWorks, Minitab

EXPERIENCE

Jr Park Ranger   May 2022 - Aug 2022
Great Waves Waterpark   *Alexandria, VA*

- Performed routine maintenance and troubleshooting on equipment, ensuring safe functionality.
- Provided customer guidance and resolved customer conflicts.

PROJECTS

The Odin Project (HTML, CSS, JavaScript) - Open-source web development curriculum involving projects such as responsive website design and interactive front-end components using HTML, CSS, and JavaScript.

Spatial Database (Java) - Implemented a spatial database that stores and queries 2D rectangles using a recursive Binary Search Tree (BST). Supported efficient insert, remove, search, region-based query, and intersection detection operations. Designed generic BST and iterator classes to traverse and manage spatial data.

Personal Website (HTML & CSS) - Adapted an open-source codebase, refining UI design, layout, and responsiveness to build a student-focused personal website.

German Club Alumni Website (React, Node.js, MySQL) - Senior design team project developing a full-stack web platform enabling alumni to share and preserve photos, videos, and oral histories. Implemented backend services and containerized the application with Docker before deploying it to the Virginia Tech Discovery Kubernetes cluster.

EXTRA-CURRICULAR ACTIVITIES

- **Member of Theta Tau Professional Engineering Fraternity** – Engaged in a values-based organization emphasizing brotherhood, community service, and professional development among engineers. Actively participated in service projects, networking events, and career workshops.

LEADERSHIP

- **Professional Development Chair of Psi Gamma Chapter of Theta Tau** - Organized and led career-focused events, including workshops and networking sessions.

- **New Member Educator of Psi Gamma Chapter of Theta Tau** - Led the education and onboarding of potential new members by creating and teaching lesson plans on fraternity history, values, and traditions. Mentored candidates throughout their initiation process in collaboration with chapter leadership.