Grace Boye-Williams

gboyewil@calpoly.edu | 860.919.4955 | linkedin.com/in/graceboyewilliams/

EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)   **June 2027**
Bachelor of Science - Degree in Computer Science; Planned Concentration: Machine Learning & AI
Relevant Coursework: Data Structures with Python

Farmington High School   **June 2023**
Relevant Coursework: AP CS A with Java, AP CS Principles with Python, Network Science Capstone

Central Connecticut State University   **June 2022**
Relevant Coursework: Introduction to Internet Programming and Applications with HTML, Javascript, CSS

SKILLS

Programming Languages: Java, Python, C, HTML, CSS, Javascript
Languages: Seal of Biliteracy in Spanish

RELEVANT EXPERIENCE

Research with Dr. Zabihimayvan, Ph.D   **Aug 2022-May 2023**
Languages and Tools Utilized: Cytoscape, Python
- Characterized network structure of Tor Browser to identify vulnerabilities
- Visualized network of websites using open-source platform, Cytoscape
- Analyzed what makes the dark web difficult to track
- Evaluated associated privacy concerns with dark proxies

Instructor, The Coder School   **May 2022-Feb 2023**
Languages and Tools Utilized: Java, Python, Scratch, HTML, C, Unity
- Coached students ages 6-17 to program in variety of languages
- Tailored custom projects to student interests
- Led camps teaching computer science, robotics, engineering, and innovation

OTHER WORK EXPERIENCE

Demonstrated exceptional leadership, time management, collaboration, and customer service through the following:
Cashier – Whole Foods, Avon, CT (30 to 35 hours/week)   **Feb 2023 – Sep 2023**
Head Lacrosse Coach – Farmington Youth Lacrosse, Farmington, CT (15 hours/week)   **Jan 2019 – Jun 2023**
Hostess – Fork & Fire, Farmington, CT (20 hours/week)   **Oct 2021 – May 2022**

CAMPUS INVOLVEMENT

Member, **Society of Women Engineers**
Member, **Women in Software and Hardware**
Member, **Cal Poly CS+AI**