Laura Guerrero

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**Profile**

An undergraduate computer scientist with a proven ability to quickly master new tasks and complete them with precision. Demonstrates strong interpersonal skills, time management, and a keen eye for detail, underpinned by a fiery work ethic. Adept in problem-solving, with exceptional written communication skills, and proficient in analyzing quantitative data with a passion for back and front-end software engineering.

**Education**

**Northern Arizona University, Flagstaff, AZ** Expected Graduation: May 2025

Bachelor of Science in Computer Science GPA: 3.5

**Work Experience**

* **Research Intern** | Northern Arizona University **January 2024 - Present**

Working within the [Complex Systems Informatics Laboratory](https://csil.rc.nau.edu/) and the [FEWSION Project](https://fewsion.us/) aiding the development of the world’s most comprehensive global supply chain database and analytical capabilities.

* + Developed and optimized five virtual data collection surveys for critical infrastructure alongside **Pandas** based survey data processing pipelines.
  + Researched and complied an extensive data catalog of publicly available supply chain economic datasets for integration into in-house data repository.
  + Produced Application Programming Interfaces (API) for connecting other databases to organize and input data.
* **Teaching Assistant** | Northern Arizona University **January 2023 - Present**

Working with NAU Computer Science faculty in assisting the instruction of CS126: Computer Science I and CS136: Computer Science II technical laboratories.

* + Taught and graded over 150 students in C++ and Python based technical laboratories.
  + Created and maintained weekly technical laboratories alongside midterm exam content.

**Volunteering & Service**

* **Event Coordinator** | [Society of Women Engineers](https://swe.org/about-swe/)

Working for the NAU Chapter of SWE promoting the accessibility, inclusivity, and representation of women in Science Technology, Engineering and Mathematics disciplines.

* + Represented NAU at the regional SWE Leadership Conference in Las Vegas, connecting with other women engineers and companies from around the country.
  + Led engineering events at NAU that included resume workshops, companies, such as Raytheon and Gore, that came to present to students, career fairs, etc. with an average of 20 students attending each meeting.
* **Member** | Women Who Compute

Working for the NAU chapter of WWC promoting the accessibility, inclusivity, and representation of women who can produce complex programs.

* + Connected with other women also enrolled at NAU to collaborate on critical programs inside and outside of classes.

**Skills & Technical Acumen**

**Technical Skills:** Back & Front-End Software Engineering, Data Science, Statistical Modelling, Data Wrangling, Database Management

**Programming Languages:** Python, C/C++, HTML, CSS, SQL, R, JavaScript, MIPS