

# Ukiah Sperry

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## EDUCATION

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**The University of North Carolina at Charlotte | Charlotte, NC**

**B.S. in Computer Science | GPA: 3.6/4.0 | May 2025**

**M.S. in Computer Science | GPA: NA/4.0 | May 2026**

**Relevant Courses:** Software Engineering, Mobile Robotics, Intro to Machine Learning, Data Structures and Algorithms.

## TECHNICAL SKILLS

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**Programming Languages:** Java (Advanced), Python (Advanced), C (Beginner), Javascript (Intermediate)

**Operating Systems:** Windows 8/10, Linux/Unix/Ubuntu, Mac

## RELEVANT EXPERIENCE

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**UNCC CCI | Teaching Assistant | Charlotte, NC**

**Aug 2023 - Present**

- Mentored over 200 Introduction to Python students, explaining challenging concepts to both Computer Science and non-technical majors
- Coordinate office hours and lesson plans in conjunction with 3 other teaching assistants to ensure widespread availability and quickly return tests and assignments to students

**Robot Technician | Starship | Charlotte, NC**

**March 2022 - Aug 2024**

- Managed a fleet of 40 robots, emphasizing time management and self-discipline
- Developed meticulous attention to detail in troubleshooting and repairing robots.
- Completed over 350 robot repair tickets, while managing the hub alone
- Solely responsible for inventory management and partner relations problem-resolving

## PROJECTS

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**React Jobs Page | Personal Project | July 2024**

- **React** Library for building user interfaces.
- **JavaScript** (ES6+), the core programming language.
- **Vite** for building the project and handling development tasks.
- **PostCSS** for CSS processing, **Tailwind** CSS for styling.

**Housing Price Predictions | August 2024**

- **Housing price prediction model** using **Python** in **Jupyter Lab**.
- Applied **Linear Regression** and **Random Forest** for **model training**.
- Lite **feature engineering** to create some helpful new variables.
- Tuned hyperparameters with the **GridSearchCV()** function.

**Personal Portfolio | September 2024**

- Person Portfolio built with **HTML** and **CSS**.
- Has links to my **Github**, **LinkedIn**, and **Email**.
- The projects tab has links to my **Projects Github Repo**, the projects also have a **live demo**