Rachel Hartfelder
COMPUTER SCIENCE

CONTACT INFO

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Portfolio Website
https://rachelhartfelder.github.io/index.html

GitHub
https://github.com/rachelHartfelder

PROGRAMMING LANGUAGES

Python | Proficient
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Java | Proficient
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RISC-V Assembly | Intermediate
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C Programming | Novice
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HTML | Novice
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CSS | Novice
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R Programming | Novice
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EDUCATION

California Polytechnic State University, San Luis Obispo — September 2022 - Present
Bachelor's of Science: Computer Science
GPA: 3.880
Related Coursework: CSC 202 Data Structures, CSC 203 Objected-Oriented Programming,
CPE 225 Introduction to Computer Organization, CSC 357 Operating Systems

Canyon High School, Anaheim — August 2018 - June 2022
GPA: 4.9 | Summa Cum Laude

COMPUTER SCIENCE EXPERIENCE

Girls Who Code Teaching Assistant — July 2023 - August 2023
- Taught lessons on JavaScript and game development
- Assisted students through project design and debugging

Code Ninja Sensei — June 2023 - August 2023
Anaheim, CA
- Guided students ages 5-12 through STEM/coding related activities
- Taught game-based curriculum that focuses on critical thinking

Team Tech — September 2022 - Present
California Polytechnic State University, San Luis Obispo
- Sponsored by Boeing to create an aircraft sanitation system
- Assisted front end development to develop a Guided User Interface

EPIC Summer Program — July 2021
California Polytechnic State University, San Luis Obispo
- Constructed Rube Goldberg Project using an Arduino Microcontroller
- Connected software based solutions with Arduino hardware

Girls Who Code Summer Immersion Program — June 2020
- Used HTML and CSS to construct a website and personality quiz
- Learned about many inspirational women in STEM

PH125.1x: Data Science: R Basics — May 2020
Harvard edX Online Program
- Participated in certificate-based online program
- Implemented data mining solutions on real world data

LEADERSHIP AND INVOLVEMENT

Team Tech Treasurer — June 2023 - Present
California Polytechnic State University, San Luis Obispo
- Manage budgets for industry sponsored project
- Complete forms regarding funding, travel, club renewal, etc.

Society of Women Engineers — September 2022 - Present
California Polytechnic State University, San Luis Obispo
- Promotes diversity and inclusion of women within the engineering field
- Connect with other women in engineering through networking events

Women in Software and Hardware — September 2022 - Present
California Polytechnic State University, San Luis Obispo
- A networking group composed of female computer science majors
- Participate in lectures to learn different aspects of software skills