

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



Java | Proficient



HTML | Novice



CSS | Novice



R Programming | Novice



EDUCATION

California Polytechnic State University, San Luis Obispo September 2022 - Present

Bachelor's of Science: Computer Science

GPA: 3.902

Related Coursework: CSC 202 Data Structures, CSC 203

Objected-Oriented Programming

Canyon High School, Anaheim August 2018 - June 2022

GPA: 4.9 | Summa Cum Laude

COMPUTER SCIENCE EXPERIENCE

Team Tech

September 2022 - Present

California Polytechnic State University, San Luis Obispo

- Sponsored by Boeing to create an aircraft sanitation system
- Developing with Java solution

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

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

Key Club

August 2019 - June 2022

Canyon High School, Anaheim, CA

- Volunteered in the community and participated in service events
- Participated in 2019 Rose Parade float service event

President of National Honors Society

August 2021 - June 2022

Canyon High School, Anaheim, CA

- Led board meetings, general meetings, and service events
- Coordinated with non-profit organizations to create service events