

Sarah M. Jochum

Computer Science and Mathematics Student

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Education

Foothill College, Los Altos Hills, CA

2018-2021

Computer Science and Mathematics Major

STEM Core Grant Student

Winter Quarter 2019 Coursework: Data Structures in Java, Computer Architecture in Assembly

DeAnza College, Cupertino, CA

2017-2019

Computer Information Systems Major

Relevant Coursework: Intro to Python, Object Oriented Python, Advanced Python, Statistics

Skills

Languages: Python, Java, LaTeX, HTML, Bash

Tools: Git, Linux, SQLite, Flask, NumPy

Projects

Weather Application

Built a native app in Python to fetch and display weather from multiple locales. Compared multi- and single-threaded approaches.

Enrollment Data Analysis

Analyzed and displayed a decade of enrollment trend data using NumPy and Matplotlib.

Songbook

Used Python to normalize unformatted text files from multiple sources into an indexed LaTeX-formatted song book with lyrics and chords.

River Expedition

Applied carpentry knowledge to construct raft from recycled materials, and navigated 1,700 miles from Pittsburgh to the Gulf of Mexico on route parallel to the Mississippi River.

Organizations and Clubs

Women in Computer Science, Event Officer, DeAnza College

Responsible for event planning and group communications.

Organized and led introductory Git workshops.

Robotics Club, Makerspace Liaison, Foothill College

Coordinating trainings and workshops through communication with director.

Girl Develop It, Active member, San Francisco Chapter

Events: Grace Hopper Celebration (2018), Women in Engineering (2018), Maker Faire (2018)

Work Experience

Corner Mercantile, Assistant Supervisor, Pittsburgh, PA

2017

Small team of 10. Responsible for product placement and development, quality control, and basic menu creation.

Kate White Re/Max, Real Estate Assistant, Pittsburgh, PA

2016

Working directly with clients, ensured all documents were accurate and completed for the closing process of house sales.

Laib and Laib Fine Carpentry, Apprentice, Pittsburgh, PA

2015

Became proficient in carpentry and woodworking techniques with a focus on restoring Victorian porches.

Linvilla Orchards, Farmer, Media, PA

2006-2015

Responsible for 200 acres of fruit orchard and development of a cut flower business.