Kara Rizzardi

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Objective

- An eager-to-learn college student seeking real world experience in software engineering.

Software Skills

- **Proficient in:** Python, JavaScript, C++, HTML5, CSS3, Java, Swift, UI/UX, Linux
- **Worked with:** React.js, Django, Docker, Git, RESTful APIs Ansible, Chef, Powershell, PostgreSQL, MaterialUI
- **Knowledge:** Object Oriented Programming, Software Development Lifecycle, Vim

Work Experience

SOFTWARE ENGINEER INTERN | KEYSIGHT TECHNOLOGIES | MARCH 2022 – PRESENT

- Full stack developer on Agile software development team working on internal company order tracking website
  - ❖ React, Material UI, HTML, CSS, NPM, UI/UX, Django, PostgreSQL Webpack, Babel, Figma
    - Worked closely with stakeholders and project manager to design UI/UX using Figma
    - Used React and Material UI to build responsive frontend
    - Led frontend initiative—overseeing a team of 3 other interns
    - Wrote unit tests for frontend using Jest—achieving 100% test coverage
    - Used Django to design database models and build out the backend
    - Designed and implemented REST API using Django REST framework
    - Exposure to CI/CD pipeline
- Lead developer on Agile software development team working on automated server provisioning
  - ❖ Python, Django, Docker, Ansible, Chef, Redis, Celery, PostgreSQL, SSH/FTP, VMware, server configuration
    - Developed automation tooling and server compliance checks to improve application deployment processes
    - Built Web APIs using Django REST framework
    - Wrote and maintained unit tests (pytest)
    - Implemented Chef Inspec scripts to audit and test infrastructure
    - Exposure to computer networking, cloud platforms, and virtualization technologies
    - Gained a low-level understanding of server provisioning process

Education

UNIVERSITY OF CALIFORNIA, BERKELEY | ELECTRICAL ENG & COMPUTER SCIENCE B.S. | GRADUATION IN 2024

- Activities & Societies: Girls Who Code, Association of Women in EE & CS
- Relevant Coursework: Structure and Interpretation of Computer Programs, Designing Information Devices and Systems, Discrete Mathematics and Probability Theory, Intro to Building IOS Apps

COMPUTER SCIENCE A.S. | DIABLO VALLEY COLLEGE | 2020 – 2022

- Grade: 4.0 GPA
- Certificates of Achievement: Program Design, Computer Architecture
- Relevant Coursework: Advanced Programming in C++ and C, X86 Assembly Language, UNIX/Linux administration, Data Structures & Program Organization, Object Oriented Programming in C++ and Java

GIRLS WHO CODE | 2018 – 2019 | ALUMNI

- Worked on a team with 12 other girls to advocate for importance of women in technology
- Keep Our Library Open Campaign — Aided community effort to fight against the closure of our local library
  - Built a website using HTML/CSS/JavaScript

HONORS: President's Volunteer Service Award — for contributing over 500 hours of volunteer work annually