Clara Lee

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EDUCATION

UC BERKELEY
BA IN COMPUTER SCIENCE
Expected May 2020 | Berkeley, CA
Cum. GPA: 3.4
MINOR IN GERMAN
Expected May 2020 | Berkeley, CA

RANCHO BERNARDO HIGH
Grad. June 2016| San Diego, CA

COURSEWORK

UNDERGRADUATE
Multivariable Calculus
Linear Algebra
Differential Equations
Data Structures and Programming
Methodology
The Structure and Interpretation of
Computer Programs
Discrete Mathematics and Probability
Theory
Introduction to Artificial Intelligence
Ruby on Rails Decal
iOS Decal

SKILLS

COMPUTATION
(Proficient)
Java • Python • HTML
• CSS • LaTeX • InDesign
(Learning)
JavaScript • Ruby • Swift

LANGUAGES
German (Intermediate) • Korean
(Conversational) • Spanish (Elementary)

INTERESTS
Rock Climbing (Bouldering) • Video
Editing• Violin (15 years) • German
Culture

INVOLVEMENT

CAL CLIMBING
Competition Director: Coordinate
competitions and training for the Cal
Climbing competition team.

THETA TAU:
ENGINEERING FRATERNITY

EXPERIENCE

EECS DEPARTMENT | LAB ASSISTANT: DATA STRUCTURES (CS61B)
August 2017 - Present | Berkeley, CA
- Assist current CS61B students during lab sections, office hours, and project parties
- Offer insight on coding practice and clarifications about any class content

MACHINE LEARNING @ BERKELEY | DATA SCIENCE DECAL STUDENT
August 2017 - December 2018 | Berkeley, CA
- Learn practical and fundamental statistics and machine learning algorithms.
- Analyze and manipulate data in Python.

SMARTMIND ROBOTICS | ROBOTICS INSTRUCTOR
November 2015 - July 2016 | San Diego, CA
- Instructed an after-school robotics program at elementary schools.
- Used LEGO MINDSTORMS technology to teach students.

SAN DIEGO SUPERCOMPUTER CENTER | ONLINE CONTENT DEVELOPMENT INTERN
June 2015 - August 2015 | La Jolla, CA
- Read, wrote, and edited 57 "Integrate Procure-to-Pay" webpages for UCSD faculty
- Wrote 42 knowledge-based articles
- Learned to use Excel by gathering and manipulating data from product sales

ICI ICE CREAM | ICE CREAM SCOOPER
June 2017 - Present | Berkeley, CA
- Serve customers by scooping gourmet ice cream
- Help the kitchen make the ice cream when there is a lull in customer flow
- Work 8-10 hours per week

PROJECTS

HTTPS://WCLARALEE.GITHUB.IO | PERSONAL WEBSITE
December 2017 - Present | San Diego, CA
- Used CSS and HTML to create a personal website from scratch, in order to document many aspects of my life.
- Currently in the process of creating more functionality by learning Ruby on Rails, in order to better incorporate my personal YouTube Channel.

GITLET | UC BERKELEY, DATA STRUCTURES
July 2017 | Berkeley, CA
- Programmed a simplified version of Github using Java
- Team of four to implement a complex tree of lists
- Created a program that could keep track of merge conflicts, deleted files, and changed files

AUTOCOMPLETE: TRIE TREES | UC BERKELEY, DATA STRUCTURES
August 2017 | Berkeley, CA
- Programmed an autocomplete function using Java.
- Implemented the program by creating a trie using priority queues, given a partial string input from users.