

ALEXANDER PARRA

alexpatharra@berkeley.edu | (323) 684-1717 | alexpatharra.me | github.com/soyalexx | linkedin.com/in/alex-parra

EDUCATION

University of California, Berkeley

May 2023: Bachelor of Arts in Computer Science

Completed: Calculus I, Calculus II and CS 61A (Structure of Computer Programs)

Planned: CS 61B (Data Structures), CS 70 (Discrete Math and Probability), CS 198-73 (Cloud Computing and SaaS)

EXPERIENCE

September 2018 – Present Code Evangelist, Mentor Manager, *CodeDay*

- Organized 100 mentors for a virtual internship hosting 300 interns building a variety of software applications.
- Planned and hosted triannual CodeDays, a nation-wide hackathon.

July 2020 Project Manager, *CodeLabs*

- Led two teams, of three interns each, in creating full applications.
- One team worked on Spark AR filters and the other on a full stack web game.

July 2019 - Teacher, Manager, *Let's Code, Inc.*

July 2020 • Created a computer science based curriculum for seven and eleven year old students, teaching Scratch and Java.
• Trained and managed teachers for the program.

SKILLS AND AWARDS

• Java, Python, PHP, Javascript, Scheme, SQL, HTML, CSS
• Node.js, ExpressJS, Google Cloud Platform, Git, Docker
• English and Spanish (Native Proficiency)

• Eagle Scout, Boy Scouts of America
• SkillsUSA State Gold Medalist, Computer Programming, 2019
• Hack:Now, Best UiPath Automation Hack, April 2020

PROJECTS

Spyfall Web Game — Node.js, 2020

- Implemented a Node.js and Express.js server as a backend, using Handlebars for templating.
- Used Google Cloud Platform for Database and Authentication functionality.
- Containerized the application using Docker.

Autocorrecting Typing Test — Python, 2020

- Made a typing test game that accurately determines WPM.
- Implemented an automatic autocorrecting function for use during the game.

Rubik's Cube — Java, 2019

- Created a graphical interface for a fully functional Rubik's Cube in 8 hours for a competition.
- Implemented an auto-solve algorithm given a guide to solving.