

EXPERIENCE

Academic Intern UC Berkeley – Data 8, CS 61B

Spring 2017 – Present.

- Teaching assistant during my weekly lab section
- Tutor students during office hours
- Develop course curriculum for students

CS61A Tutor

Spring 2017

- Each week, I tutored 3 new students one-on-one for 61A
- Created practice curriculum still used by new course staff

PROJECTS

Restaurant Menu Tracker

November 2017

- Using Python, created an application that notifies users when their chosen keywords appear on a chosen online restaurant menu (or any URL)
- Web scraping, notification system, IO data

Database Management System

March 2017

- Using Java, I designed and implemented a Database Management System and its DSL
- Accomplished project as a result of integral design choices, rather than simply knowing code

Cosmos Web Application

November 2016

- Worked on a team to build an interactive web app from scratch: tinyurl.com/CosmosWebGame
- User navigates a rendered cosmos, can avoid and/or attack invaders for high score
- Led the project from idea to design to execution

SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, SQL, Ruby on Rails

Application Skills: Microsoft Office, LaTeX, python libraries (pandas, plotly, numpy, scipy, etc.)

TECHNICAL EDUCATION

Fall 2016

CS61A: The Structure of Programs

MATH 54: Linear Alg.

Spring 2017

CS61B: Data Structures

DATA 8: Data Science

Fall 2017

CS70: Discrete Math & Probability

EE16A: Hardware Design

Spring 2018

DATA 100: Data Science Tech.

CS170: Efficient Algorithms and Intractable Problems

CS188: Artificial Intelligence

CARLO
CRUZ-ALBRECHT

Computer Science at
Berkeley

Data Science Minor

GPA: 3.7

Graduation: Spring 2020

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