

EXPERIENCE

Data 8 Course Staff

Spring 2018 – Present.

- Teach/guide students in weekly lab section
- Grade student assignments and provide feedback

61B Academic Intern

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

carlocrza.github.io

- Designed and implemented a personal website from scratch using HTML, CSS, JavaScript

Website Listener

November 2017

- Created an application that notifies users when their keywords appear on any chosen website
- Example configuration: to serve as a restaurant menu tracker
- 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, SQL, Scheme, Ruby, HTML, CSS

Application Skills: Microsoft Office, LaTeX, Android, React JS

TECHNICAL EDUCATION

Data Structures
Algorithms

Artificial Intelligence
Data Science

Discrete Math
Probability Theory

Linear Algebra
Circuit Design

CARLO
CRUZ-ALBRECHT

*University of California,
Berkeley*

Computer Science BA
Data Science BA

carlo@berkeley.edu

carlocrza.github.io

805-405-2748