



# HARSH DADHICH

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## EDUCATION

### University of California, Santa Cruz

Sep 2022 – June 2025

Bachelor of Science: Computer Science

Santa Cruz, CA

- **GPA:** 4.0
- **Coursework:** Programming Abstractions: Python, Computer Systems and Assembly Language, Linear Algebra

## SKILLS

**Languages:** Python, C++, Java, HTML/CSS,  $\text{\LaTeX}$

**Tools:** Canva, Google Workspace, MS Office, Git, PuTTY, WinSCP, WSL, Unix

**Platforms:** Cloudflare, Digital Ocean, Deta, Heroku, Oracle Cloud, PyPI

**Frameworks:** BeautifulSoup, discord.py, FastAPI, Flask, Quart

## EXPERIENCE

### Ossisto

Jul 2021 – Sep 2021

Web Development Intern

Perth Amboy, NJ

- Helped visualize and enter catalog data for multiple informational panels on a live endpoint
- Advanced web development skills through dynamic content generation with internal tools and mentoring

### San Ramon Virtual Tutors

Jun 2020 – Jun 2021

Co-Founder and Tutor

San Ramon, CA

- Led logistics using Google Workspace to set up our non-profit tutoring organization during remote instruction
- Tutored middle/secondary school students in math and programming for virtual exam preparation

### ACE Virtual Learning

Nov 2019 – Mar 2020

Content Creator and Marketer

San Ramon, CA

- Generated content centered around the gifted program entrance aptitude CogAT<sup>®</sup> test for students K-5
- Designed and led marketing to build a diverse client base around gifted program institutions in CA, TX, and WA

## PROJECTS

**round-nutrition** | Python, GitHub Actions, PyPI

July 2022

- Developed a package to round nutritional value data to comply with **FDA and NDC** standards and regulations
- Received **7,000+ downloads** and working to integrate a dietary calculator with different meal plans

**SlugTools** | Python, BeautifulSoup, Deta, Flask

May 2022

- Produced a **RESTful** web application for **UC Santa Cruz** to deliver organized data catering to university services
- Processed scraped data from multiple endpoints through BeautifulSoup to relay and store in Deta Cloud
- Utilized Flask to serve data endpoints catering to **catalog** instructor, classroom, and textbook searching; **food** locations, menus, and wait times; **residential** laundry and other services

**Albert** | Python, discord.py, Pillow

October 2020

- Tailored a social media integration to my local academic community with music display, trivia, weather querying, etc
- Updated for COVID-19 remote instruction to include **document/image processing**, reminders, and schedule alerts

## EXTRACURRICULAR

### Sun Valley Animal Hospital

Jul 2021 – Aug 2021

Volunteer Assistant

Pleasant Hill, CA

- Assisted medical personnel through pharmaceutical inventory management and scheduling software

### Deloitte Team Tech Challenge

June 2021

1<sup>st</sup> Place Winner for Education

Remote

- Competed with teammates in an innovation ideation challenge and addressed educational funding inequality
- Proposed a design for a database system to help schools cost-effectively manage resources and student data

### Programming Workshop

August 2020

Host/Organizer

Remote

- Hosted an introductory Python programming workshop on behalf of Clever Code with international participation
- Kickstarted participants' ideas by providing templates/resources and feedback on working/finished implementations