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, 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® 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**
1st *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 participance
- Kickstarted participants' ideas by providing templates/resources and feedback on working/finished implementations