

# Dhruv Nanavati

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<https://github.com/dhruvnanavati/Portfolio>

## EDUCATION

**Santa Clara University, College of Arts & Sciences**

BS: Computer Science | SCU Bronco Scholarship (2019-2023)

**Santa Clara, CA**

*Expected 2023*

## RELEVANT EXPERIENCE

### Goodbuys

*Undergraduate Researcher*

**Santa Clara, CA**

*July 2022 – Present*

- Developed GoodBuys website through cPanel using HTML to inform users about application
- Collaborated with software team using Git to meet deadlines to release application according to client timeline
- Researched competitive landscape to determine market opportunities and create product roadmap

### Brighton Medical Associates

*Computer Programmer (Remote)*

**Syracuse, NY**

*Aug 2020 – Sep 2022*

- Conducted research to identify most cost-effective hardware solutions to save company over \$2500
- Trained nurses to conduct telemedicine, virtual check-ins, and patient communication using iPad applications

## PERSONAL PROJECTS

### Hack for Humanity Project (Water Watchers)

*Feb 2023*

- Developed program and website using Python and Javascript to monitor COVID-19 levels in California wastewater
- Collaborated with a team of developers using Git to design and implement project in 24-hour period
- Integrated customizable threshold settings for automated emails, informing users about outbreaks in their areas
- Predicted outbreaks with a 3-day lead time, allowing for targeted resource allocation and public health measures

### Genius Marketing

*Aug 2020 – June 2022*

- Programmed Discord bot in Python to automate marketing for companies utilizing Tkinter, Selenium, and threading
- Built YouTube comment bot to engage with target audiences using requests and YouTube Data API
- Spearheaded digital growth strategies for 2 clients using Discord and YouTube bots to increase social media traffic

### Invoice Generator

*Oct 2020 – Dec. 2020*

- Generated automated monthly invoice using Excel data and openpyxl to reduce human error and raise productivity
- Streamlined program usability by implementing GUI, allowing non-technical staff to navigate and execute program

### E-commerce Web Crawler

*May 2020 – June 2020*

- Developed web crawler in Python to automatically purchase items from website in under 2 seconds
- Utilized BeautifulSoup4 API to parse HTML and web scrape from front end of e-commerce website
- Used HTTP requests, Selenium WebDriver, user agents, and headless browser to interface with back end of website

### Explicit Music Detector

*Apr 2019 – May 2019*

- Developed Python program to enable users to find song lyrics using keywords through genius.com API
- Applied list comprehension to efficiently parse and highlight explicit words within lyrics

## SKILLS & INTERESTS

- **Programming Skills:** Python, Git, C++, Go, HTML, Web Crawling, Java, Javascript, Data Analysis, AWS
- **Packages:** Selenium, Requests, BeautifulSoup4, pandas, Flask, Tkinter
- **Business Tools:** Advanced – PowerPoint; Basic – Excel
- **Interests:** Tennis, Drawing, Table Tennis, Soccer, Personal Finance, Chess, Origami
- **Extracurricular Activities:** Santa Clara University Club Tennis, Santa Clara University Collegiate Chess Team