

# RAUNAK ANAND

☎ (530) 979-3197 | ✉ anandraunak2000@gmail.com | 🌐 raunakanand.com | 🔄 raunak26 | 🔗 linkedin.com/in/raunak-anand

## EDUCATION

---

**UNIVERSITY OF CALIFORNIA, DAVIS**  
**Bachelors of Science, Computer Science**

**Davis, CA**  
Graduating June 2022

**Relevant coursework:** Object-Oriented Programming in C++, Data Structures, NLP, Artificial Intelligence, Algorithm Design & Analysis, Machine-dependent Programming, Analysis of Variance and Regression, Theory of Computation, Abstract Mathematics, Probability Theory, Computer Architecture, Web Programming

## SKILLS

---

Python, C++/C, SQL, Ruby on Rails, Assembly, R, Kotlin, MATLAB, Solidity, HTML, CSS, JavaScript, ReactJS

## WORK EXPERIENCE

---

### MASTERCLASS

Software Engineer, Growth Intern

**San Francisco, CA**  
September 2021 - December 2021

- Integrated UTM parameters to measure ROI and, retrieve data on conversion and traffic sources.
- Automated end-to-end class launch, reducing class launch time by 50% and giving non-technical staff full control.
- Implemented seasonal class feature to align with growth strategy, increased average subscriber retention by 11%.

Software Engineer, Back End Intern

June 2021 - September 2021

- Implemented multi-instructor feature to appeal to a wider audience, aligning to the growth strategy initiative.
- Executed AWS database migrations and addition/deletion logics, improving QOL of Class Launch Automator (CLA) by 35% and decreased time to build an entire course by 22%.
- Developed bulk admin service that automates contractor onboarding/offboarding, reducing the time taken by 60%.

### SACHACKS

Lead Web Developer

**Davis, CA**  
November 2020 - December 2021

- Increased hackathon participation by 45% through UI/UX improvement and Google Analytics implementation.
- Developed website for Lovelace hackathon, organized to represent women and minor communities.
- Migrated organization legacy code to newer frameworks to inculcate team advancement.

### BHARTI AIRTEL - WYNK LIMITED

Software Engineering Intern

**Delhi, India**  
July 2019 - August 2019

- Developed hardware that allowed multiple website streaming, increasing the time-shift television market by 89%.
- Implemented near real-time responsive voice recognition and universal music search on Airtel TV hardware.
- Built a chatbot to create a direct channel for customer service which improved the adoption rate by 17%.

## LEADERSHIP EXPERIENCE

---

### #INCLUDE AT DAVIS

Technical Director

**Davis, CA**  
March 2021 - Present

- Led 60+ members to collaborate on projects that provide non-profit organizations with an online presence.
- Implemented Agile methodology to reduce the delivery timeline, and increased the velocity of deployments by 100%.

### WOMEN IN DATA AT UC DAVIS

Technical Workshops Lead

**Davis, CA**  
January 2021 - Present

- Conducted a series of Python and Jupyter tutorial workshops and increased total club membership by 85%.
- Developed a machine-learning algorithm to detect Alzheimer's disease based on a Kaggle dataset.

## PROJECTS

---

### ROBINHOOD TRADING BOT 🤖

- Created a trading bot using the unofficial Robinhood API, pyrh, and Relative Strength Index.

### DROWSINESS DETECTOR 🤖

- Built an OpenCV Drowsiness detector with Python and dlib that alerts the user to stay awake while running the program.

### COVID-GURU TWILIO APP 🤖🌐

- Developed a web app using a Twilio SMS API and Javascript to provide real-time COVID statistics based on the user's location, along with self-diagnosis abilities, without the need to access the internet.