RAUNAK ANAND

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EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS *Davis, CA*
Bachelors of Science, **Computer Science** *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 *San Francisco, CA*
Software Engineer, Growth Intern *Upcoming*
- Launching initiatives to scale the growth engineering stack and accelerate MasterClass' growth.

Software Engineer, Back End Intern *June 2021 - Present*
- Implemented multi-instructor feature to appeal to a wider audience, aligning to the growth strategy initiative.
- Executed 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 time by 200%.

SACHACKS *Davis, CA*
Lead Web Developer *November 2020 - Present*
- 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 *Delhi, India*
Software Engineering Intern *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 *Davis, CA*
Technical Director *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 *Davis, CA*
Technical Workshops Lead *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.