

Aniket Pratap

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EDUCATION

University of California Irvine

Bachelors of Computer Science

Masters of Computer Science

Irvine, CA

Expected Jun. 2024

Expected Jun. 2025

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, JavaScript, SQL, R, Swift

Frameworks: React, React Native, Tailwind, Node.js, Flask, Django, Bootstrap

Developer Tools: Vim, Git, Docker, Xcode, VS Code, PyCharm, IntelliJ, Eclipse, Firebase

Libraries: Axios, Pandas, NumPy, TensorFlow, PyTorch

EXPERIENCE

Natural Language Processing Researcher

University of California Irvine

Jun. 2023 - Aug. 2023

Irvine, CA

- Developed machine learning models for sentiment analysis to predict user intention
- Fine-tuned GPT2 using PyTorch and Python, achieving 95% accuracy
- Optimized Kaggle data fine-tuned with gpt2-simple, reducing training speeds by 10%

Software Engineering Intern

Cordis

Jun. 2022 – Aug. 2022

San Diego, CA

- Trained 1000 analysts on Oracle Analytics, saving \$10,000
- Automated regional sales mapping using Python, Pandas, and Numpy, saving 80% time
- Created 20 dynamic dashboards in Oracle Analytics Cloud from company's data warehouse

Coding Instructor

Code Ninjas

Jan. 2019 – Mar. 2020

San Diego, CA

- Curated personalized JavaScript projects, increasing attendance by 15%
- Successfully onboarded 200+ students through UC San Diego coding event

Web Developer Intern

Solana Center

Aug. 2019 – Dec. 2019

San Diego, CA

- Refactored code base by 60%, used Bootstrap and Django
- Utilized SCRUM for efficient client request handling, delivered website three weeks early

PROJECTS

SideQuest | *React Native, Firebase, Location, Posts, Authentication, Messaging*

Aug. 2023 - Present

- Spearheaded a groundbreaking React Native application, revolutionizing local job opportunities
- Implemented robust user authentication using Firebase, post creation, and seamless messaging
- Pioneered location encryption to safeguard user post locations, ensuring data privacy and security
- Currently developing an innovative algorithm to optimize feed refreshing for local job postings, enhancing user experience and efficiency

Shell | *C, Linked List, Forks, Pipes*

May 2023

- Implemented user input processing, directory changes, and file redirection
- Created an efficient unlimited piping system, reducing piping time by 90%
- Used linked list and signal handlers to dynamically remove zombie and background processes

Pokemon Search Engine | *JavaScript, Axios, APIS, Node.js, CSS, HTML*

Jul. 2022

- Developed a front-end website with JavaScript, serving a REST API with HTML and CSS
- Utilized Node.js and Axios to retrieve Pokemon move, type, and statistics data
- Achieved 50% faster data request times with asynchronous functions

AWARDS

Sustainability Hackathon Semi-Finalist

University of California Irvine

May 2023

Irvine, CA

- Pitched and demoed our product as part of a collaborative team, securing a \$1000 prize