# Aniket Pratap

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## EDUCATION

**University of California Irvine** — 3.83 GPA
*Bachelor of Computer Science* — *Expected Jun 2024*

*Master of Computer Science - UCSD* — *Expected June 2025*

## EXPERIENCE

**FullStack Intern** — Apr 2023 - Present
*Ekastar* — *Remote*

- Contributed to the integration between Shopify and QuickBooks, ensuring smooth data transfer and compatibility
- Established robust and intuitive UI components to ensure seamless user experience across the platform
- Collaborated with the engineering team to implement SCRUM methodologies, which included facilitating efficient ticket submission, component coding, and the quality testing processes

**Software Engineering Intern** — June 2022 – Aug 2022
*Cordis* — *San Diego, CA*

- Trained and transitioned 1000 analysts from Tableau to Oracle Analytics by creating a structured web course, which saved $10,000 when compared to third party implementing the training
- Skyrocketed productivity by automating sales mapping of 800 regions using Python, Pandas, and NumPy, preventing manual input of data and saving employees 1 week
- Leveraged Oracle Analytics Cloud and data warehouse to publish 20 dynamic dashboards forecasting profits and highest sellers, increasing customer precision and focus margins to maximize future sales

## PROJECTS

**ZotClass** | *React Native, ZotAPI* — December 2023 - Present

- Engineered a robust application enabling UCI students to seamlessly browse available courses
- Implemented real-time class status updates to enhance accessibility and user satisfaction
- Conducting beta testing with a cohort of 30 UCI students to refine and optimize user experience

**ZotAPI** | *Python, Beautiful Soup, AWS, Lambda, DynamoDB* December 2023

- Engineered a sophisticated web scraper to extract, parse, and clean comprehensive data from university course listings, enabling the development of a robust API
- Optimized performance by implementing AWS Lambda, harnessing parallel execution to achieve a remarkable 99% increase in scraping speed through enhanced concurrency. Leveraged DynamoDB to store course data, ensuring seamless and efficient querying capabilities
- Empowered UCI students by providing a versatile API, resulting in its widespread adoption for diverse projects related to course exploration and development

**CropCube** | *Figma, C* — May 2023

- Won a $1000 semi-final prize in Irvine hackathon by working with 3 colleagues to develop a vertical farm that automates and innovates gardening and focuses on sustainability

**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, which was utilized by UCI's Pokemon community to aid in-game events
- Integrated Node.js and Axios to retrieve information for 1000+ Pokemon, including moves, types, and statistics
- Implemented concurrent promise handling and lazy loading to speed up queries by 90%

## 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, Firebase, npm, Figma, Tableau, Oracle Analytics Cloud
**Libraries**: Axios, Pandas, NumPy, TensorFlow, PyTorch, Redux