

Anuj Panta

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Education

University of California, Berkeley

May 2025

B.A in Computer Science

- Coursework: Data Structures (Java), Computer Architect and Machine Structures (C), Intro. to Artificial Intelligence, Foundations of Data Science (Python), Computer Security, Databases

Experience

Apple

May 2023 – August 2023

WebKit Software Engineering Intern

- Enhanced developer workflows by implementing a color palette swatch feature in the Web Inspector, enabling easy previewing and selection of CSS color variables.
- Refactored WebKit's user interface codebase, restructuring UI elements to follow consistent architecture patterns. Authored comprehensive test suites, ensuring component stability and future maintainability.
- Documented planning and development of new color palette features, creating project documentation and guidelines to assist future developers.
- Gained firsthand experience collaborating cross-functionally with team members across multiple product groups and technical domains at Apple. Developed strong communication skills and learned how to effectively contribute within large, fast-paced engineering organizations.

Berkeley Law

August 2022 - Current

Student Software Engineer

- Designed and developed an interactive classroom seating chart application for Berkeley Law professors to optimize student engagement. Built an intuitive drag-and-drop interface with React and implemented Framer Motion for smooth animations, enhancing usability.
- Led the development of a backend application for a legal research project, resulting in a 18% increase in data retrieval efficiency for the team. Utilized Python and SQL to design and implement the database and API.
- Enhanced security across law school websites by implementing OAuth 2.0 authentication and authorization protocols. Secured sensitive student and faculty data by designing access control policies and encrypting confidential information. These measures strengthened data protection and reduced security risks.

Berkeley Intellectual Property and Industry Research Alliances

November 2022 – October 2023

Data Analyst

- Led the development of a data analysis pipeline for the department, resulting in a 20% increase in patent profits by identifying and targeting high-potential markets for outreach efforts. Utilized Python, SQL, and Salesforce to process and analyze large sets of research and patient data.
- Designed and implemented machine learning models to predict and optimize patent success rates, resulting in a 15% increase in patent acceptance rates. Utilized Python and TensorFlow to train and evaluate models.
- Developed Python scripts to automatically filter and organize large volumes of patent data. Wrote regex queries to parse filings and extract relevant information. Configured scripts to move files into appropriate folders based on criteria, ensuring proper data routing, and enhancing accessibility.

Projects & Skills

YouTube-Ripper – YouTube Video to MP3 converter

Quack-Quack - Full Stack Bug Tracking Project

Social Pointer - Interactable Social Site

Daily Poll - Wordle-esk Site for Poll Questions

Svelte Kit, Tailwindcss, Express, FFMPEG

React, Material UI, Express, Firebase

Astro, Tailwindcss, GO, Supabase

React, Framer Motion, Express, Firebase