

KOBEY PABELLAN

🏠 Merced, CA 📞 820-203-7906 🌐 kpabellan.com ✉ pabellank@gmail.com

Education

University of California, Merced

Aug 2020 – May 2024

Bachelor of Science in Computer Science and Engineering

Merced, CA

- GPA: 3.36
- Dean's Honor List Fall 2020; Chancellor's Honor List Spring 2021

Experience

Sweep Energy

Aug 2023 – Dec 2023

Software Engineering Intern

Merced, CA

- Innovated a ChatGPT-integrated platform to optimize internal PDF management, streamlining workflows and improving document accessibility.
- Designed an AI-driven solution for file analysis, significantly reducing manual review time by extracting key insights.
- Enhanced operational efficiency by deploying technological innovations to address critical business challenges.

University of California, Merced

Feb 2023 – May 2024

Student Technology Consultant - IT Security

Merced, CA

- Executed cybersecurity playbooks for minor incidents, performing detailed investigations and network scans to identify and mitigate vulnerabilities.
- Developed automation scripts to optimize task efficiency, managing large cybersecurity datasets and leading small projects to successful outcomes.

Self-Employed

Aug 2020 – May 2024

Entrepreneur

Merced, CA

- Achieved revenue growth through strategic marketing and customer communication in retail arbitrage.
- Created automation tools to enhance operational efficiency and maintain a competitive edge.
- Generated over \$50,000 in revenue to support college expenses through entrepreneurial endeavors.

Projects

PDF Information Chatbot | *Python, Javascript, Flask, Docker, HTML, CSS*

- Engineered an AI chatbot using Python and JavaScript to process and extract information from uploaded PDFs, enhancing document management.
- Optimized API request costs with a custom algorithm and designed a user-friendly interface for seamless file uploads and interactions.

Philanthropy Week Web Application | *React, Next.js, Tailwind CSS*

- Developed a web application for a campus-wide philanthropy week focused on cancer research fundraising, enhancing visibility and participation among competing organizations.
- Attracted over 500 active users from 7 campus organizations, facilitating progress tracking, event participation, and fundraising contributions.
- Generated over \$7,000 in donations for cancer research, demonstrating the platform's impact on community involvement and philanthropy.

WebSocket Server | *Node.js, WebSockets*

- Engineered a WebSocket server with Node.js to facilitate communication between purchasing software and stock-tracking monitors.
- Integrated real-time alerts for over 200 users, enhancing purchasing efficiency and responsiveness for limited-item stock.

Technologies and Languages

Languages: C, C++, Python, Javascript, Go, HTML/CSS

Technologies: React, Node.js, Next.js, Tailwind CSS, Flask, Selenium, Git, Docker, MySQL, MongoDB

Other: Data structures and algorithms