KOBEY PABELLAN

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Experience

Sweep Energy   **Aug 2023 – Dec 2023**
Software Engineering Intern   *Merced, CA*
- Led a collaborative effort to innovate a ChatGPT-integrated platform, optimizing the management of internal PDFs, resulting in a streamlined workflow and improved document accessibility.
- Spearheaded the design of an AI-driven solution that revolutionizes file analysis, extracting key insights to reduce manual review time dramatically.
- Demonstrated exceptional ability by deploying technological innovations to tackle pressing business challenges, enhancing operational efficiency and productivity.

University of California, Merced   **Feb 2023 – Present**
Student Technology Consultant - IT Security   *Merced, CA*
- Executed cybersecurity playbooks for minor incidents, conducted in-depth investigations and network scans, enhancing system security by identifying and mitigating vulnerabilities.
- Developed automation scripts to optimize task efficiency and managed large cybersecurity datasets; showcased leadership in spearheading small projects, delivering results in independent and collaborative team settings.

Freelancing   **Aug 2021 – Oct 2022**
Developer   *Online*
- Designed custom bots for retail arbitrage Discord groups, streamlining operations and enhancing the user experience by automating key tasks and providing real-time data insights.
- Optimized group management and efficiency for both owners and members, leveraging automation tools to improve the overall efficacy and user engagement in retail arbitrage communities.

Self-Employed   **Aug 2020 – Present**
Entrepreneur   *Merced, CA*
- Self-employed entrepreneur in retail arbitrage with a strong track record of revenue growth through strategic marketing and customer communication.
- Created automation tools to enhance operational efficiency and maintain a competitive edge.
- Generated over $50,000 in revenue, supporting college expenses through entrepreneurial endeavors.

Projects

WebSocket Server | *Node.js, WebSockets*
- Engineered a Node.js WebSocket server that bridges purchasing software and stock-tracking monitors, enabling seamless communication.
- Integrated real-time alerts for over 200 users on limited-item stock, boosting purchasing efficiency and responsiveness.

PDF Information Chatbot | *Python, Javascript, Flask, Docker, HTML, CSS*
- Engineered a Python and JavaScript-based AI chatbot that processes and extracts information from uploaded PDFs, allowing users to query and organize content for enhanced document management.
- Advanced the system with a cost-optimizing algorithm for API requests and crafted a highly intuitive interface, facilitating seamless file uploads and efficient user interactions.

Education

University of California, Merced   **Aug 2020 – May 2024**
Bachelor of Science in Computer Science and Engineering   *Merced, CA*
- GPA: 3.38
- Dean's Honor List Fall 2020; Chancellor's Honor List Spring 2021

Technical Skills

Languages: Python (Advanced), Javascript (Advanced), C/C++ (Advanced), HTML/CSS (Advanced), Go (Beginner)
Technologies/Frameworks: Node.js, Next.js, Tailwind CSS, Flask, Selenium, Linux, GitHub, Docker

Leadership/Extracurricular

Sigma Chi Fraternity   **Apr 2023 – Dec 2023**
Fundraising Chair   *University of California, Merced*
- Guided successful fundraising campaigns to secure financial resources for fraternity activities, showcasing strong organizational abilities and effective team coordination.