

Patrick King

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EDUCATION

Loyola Marymount University (Los Angeles, CA)

Bachelor of Science in Computer Science, Minor in Business Administration

August 2021 - May 2025 (Expected)

- Relevant Coursework: Programming Laboratory, Calculus, Data Structures, Algorithms, Web Application, Game Design, Computer Systems, Computer Networks, Logic and Computer Design, Financial Accounting, Business Information Technology
- Activities and Societies: Association for Computing Machinery, Sigma Chi Fraternity, Huntsman Cancer Foundation

SKILLS

Languages: Python, HTML, CSS, JavaScript, Java, TypeScript, SQL, C, Rust

Frameworks and Platforms: React, Node.js, Flask, Django, Microsoft 365, MongoDB, Firebase, Express, GitHub, VS Code 2, Slack

Soft Skills: Leadership, Strategic Thinking, Consulting, Data Analytics, Project Management, Public Speaking, Team Collaboration

PROFESSIONAL EXPERIENCE

Sigma Chi Fraternity (Los Angeles, CA)

President (Consul)

January 2024 - Present

- Orchestrated charitable events as leader of a 90-member fraternity, raising over \$50,000 for various causes, enhancing the organization's community presence and social responsibility.
- Directed an executive team in strategic initiatives, budget management, and partnership development, ensuring successful event execution and organizational growth.
- Fostered a culture of academic excellence and ethical conduct, leading to improved member engagement and retention through targeted development programs.

RadicalX (Los Angeles, CA)

Software Engineer Intern

October 2023 - December 2023

- Advanced the automation of data processing with Python, enhancing model training processes and contributing to more efficient and accurate predictive analytics.
- Played a key role in the team that developed scalable, high-performance AI models, improving algorithmic efficiency and system reliability.
- Engaged in all phases of the software development lifecycle, contributing to the creation of high-quality, scalable software solutions that supported the company's technology advancements.

DivergeIT (Torrance, CA)

Software Engineer Intern

June 2023 - August 2023

- Spearheaded the development of an AI-driven internal chatbot utilizing Python and TypeScript, streamlining employee inquiries and operational workflows, and acting as a technical consultant to internal teams on its deployment and integration.
- Employed Agile methodologies to optimize the software development lifecycle, enhancing team synergy and project efficiency, while also consulting on best practices for Agile adoption in client projects.
- Engineered and consulted on the implementation of intuitive front-end functionalities with TypeScript, significantly elevating the internal user interface and enriching the user experience, and advising clients on similar user-centric designs in their projects.

South Bay Associates, Inc. (Manhattan Beach, CA)

Associate Technology Consultant

June 2021 - August 2021

- Supported the Principal Consultant in deploying strategic technology solutions for various projects, achieving a 15% increase in operational efficiency for client businesses.
- Engaged in direct client interactions to tailor technology integrations, ensuring solutions aligned with specific business goals and operational requirements.

PROJECTS

Stock Predictor Web Application | Full Stack

December 2023

- Engineered a predictive stock market model using Python and Flask, seamlessly integrating financial APIs for real-time data acquisition. Designed an intuitive user interface with React.js, facilitating easy navigation and insightful data visualization.

Artificial Intelligence Chatbot | Full Stack

June 2023

- Built AI chatbot with Python, TypeScript, and GPT-3.5 Turbo, integrated into a scalable Node.js backend, optimizing corporate communication channels through AI automation.