Patrick King

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Portfolio: https://patrickgking03.github.io/portfolio/

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, Information Technology, Machine Learning
- 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, Jango, Microsoft 365, MongoDB, Firebase, Express, GitHub, VS Code 2, Slack, Git
Soft Skills: Leadership, Strategic Thinking, Consulting, Data Analytics, Project Management, Public Speaking, Team Collaboration

PROFESSIONAL EXPERIENCE

DivergeIT (Torrance, CA)

Consulting and Software Developer Intern   *June 2023 - August 2023, June 2024 - Present*

- Led the development of an AI-driven chatbot using Python and TypeScript, boosting efficiency and automating workflows; offered expert technical advice for team integration.
- Managed client consulting projects, employing Agile methods to enhance project results and case study collaborations for tailored client solutions; instrumental in adopting new technologies like Microsoft's Copilot.
- Developed and implemented a port scan synchronization project with Azure Functions and Automox API, enhancing network security; actively developed software and provided strategic consulting on technology integration for clients.

Loyola Marymount University (Los Angeles, CA)

Computer Science Research Assistant   *February 2024 - April 2024*

- Developed machine learning algorithms in Python, enhancing research projects and advancing the field of artificial intelligence.
- Utilized advanced data analytics techniques to derive insights from complex datasets, facilitating data-driven decision-making in academic research.

RadicalX (Los Angeles, CA)

Software Engineer Intern   *October 2023 - December 2023*

- Advanced data processing automation using Python, enhancing model training for efficient, accurate analytics. Contributed to developing scalable, high-performance AI models, boosting algorithmic efficiency and reliability.
- Engaged in all software development lifecycle phases, creating high-quality, scalable solutions that supported the company's technology advancements.

PROJECTS

Peer-to-Peer Trading Card Network | Full Stack   May 2024
- React, CSS, HTML, Axios, Rust, Libp2p, Husky

Personal Portfolio Website | Front-End   January 2024
- HTML, Bootstrap, CSS, JavaScript, CodeSwing, React, Node.js

Stock Predictor Web Application | Full Stack   December 2023
- Python, Flask, React, Financial APIs

Artificial Intelligence Chatbot | Full Stack   June 2023
- Python, TypeScript, GPT-3.5 Turbo, Node.js, Microsoft Teams

LEADERSHIP EXPERIENCE

Sigma Chi Fraternity (Los Angeles, CA)

President (Consul)   *January 2024 - Present*

- Orchestrated charitable events as the leader of a 90-member fraternity, raising over $50,000 for various causes and enhancing the organization's community presence. Directed executive team initiatives in strategic planning, budget management, and partnership development, fostering a culture of academic excellence and ethical conduct that improved member engagement and retention.