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: Python Programming Laboratory, Calculus, Java Data Structures, Java Algorithms, HTML & JavaScript Web Application, Game Design, C Computer Systems, Computer Networks, Logic and Computer Design
- Activities and Societies: Association for Computing Machinery, Sigma Chi Fraternity, Huntsman Cancer Foundation
- Leadership Experience: President (Consul), Vice President (Pro Consul), and Recruitment Chairman at Sigma Chi Fraternity

SKILLS

Languages: Python, HTML, CSS, JavaScript, Java, TypeScript, SQL, C, Rust
Frameworks: React.js, Node.js, Flask, Django, Microsoft Azure, MongoDB, Google Firebase, Express.js
Tools: Git, GitHub, Microsoft 365, VS Code 2, Eclipse, Docker, Slack
Soft Skills: Leadership, Strategic Thinking, Analytics, Project/Time Management, Public Speaking, Organizational Skills

PROFESSIONAL EXPERIENCE

RadicalX (Los Angeles, CA)

Software Engineer Intern   *October 2023 - December 2023*

- Advanced data processing automation using Python, leading to significant enhancements in model training processes.
- Collaborated on the design and implementation of scalable and high-performance Python-based AI models, optimizing algorithmic efficiency and system reliability.
- Actively engaged in the full software development lifecycle, from conceptualization to deployment, ensuring the creation of high-quality, scalable software solutions.

DivergeIT (Torrance, CA)

Software Developer Intern   *June 2023 - August 2023*

- Pioneered the development of an AI-driven chatbot utilizing Python and TypeScript, streamlining customer interactions and operational workflows.
- Implemented Agile methodologies to enhance the software development process, facilitating better team collaboration and more efficient project delivery.
- Crafted TypeScript code for intuitive front-end functionalities, significantly improving the user interface and experience.

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

Software Engineer Intern   *June 2021 - August 2021*

- Led the development and ongoing enhancement of the corporate website using HTML, CSS, and JavaScript, emphasizing responsive and user-centric design.
- Innovated an internal task management system through strategic automation, leading to noticeable improvements in company-wide productivity and process efficiency.
- Contributed to the creation and refinement of internal tracking software, enhancing the organization's data management capabilities and operational insights.

PROJECTS

Interactive Web Portfolio | Front-End   *January 2024*

- Engineered a personal portfolio website showcasing a sleek UI/UX design, utilizing HTML5, CSS3, and modern JavaScript.
- Integrated React.js for dynamic content rendering, improving user engagement and portfolio interactivity.

Stock Predictor - Web Application | Full Stack   *December 2023*

- Developed a predictive model for stock market trends using Python and Flask, integrating financial APIs for real-time data.
- Designed a user-friendly interface with React.js, ensuring intuitive navigation and data visualization.

Artificial Intelligence Chatbot | Full Stack   *June 2023*

- Built an AI chatbot leveraging Python, TypeScript, and GPT-3.5 Turbo, integrated within a Node.js backend for scalability.
- Enhanced corporate communication channels, streamlining task management and internal queries through AI automation.