

Patrick King

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Portfolio: <https://patrickgking03.github.io/personalportfolio/>

EDUCATION

Loyola Marymount University (Los Angeles, CA)

Bachelor of Science in Computer Science

August 2021 - May 2025 (Expected)

- Relevant Coursework: Python Programming Laboratory, Calculus, Java Data Structures, Java Algorithms, Economics, HTML/JavaScript Web Application, Game Design, C Computer Systems, Computer Networks
- Activities and Societies: Association for Computing Machinery, Sigma Chi Fraternity (President and Vice President), Huntsman Cancer Foundation, Men's Club Beach and Indoor Volleyball (President)

SKILLS

Languages: Python, HTML/CSS, JavaScript, Java, TypeScript, SQL

Frameworks: React.js, Node.js, Flask, Microsoft Azure, MongoDB, Google Firebase

Tools: Git, GitHub, Microsoft 365, VS Code 2, Eclipse

PROFESSIONAL EXPERIENCE

RadicalX (Los Angeles, CA)

Software Engineer Intern

October 2023 - December 2023

- Assisted in the design and development of advanced AI models to address complex business challenges.
- Conducted rigorous data analysis and preprocessing, ensuring the accuracy of machine learning datasets.
- Collaborated with cross-functional teams to implement and refine AI algorithms and front-end development.

DivergeIT (Torrance, CA)

Software Engineer Intern

June 2023 - August 2023

- Developed and programmed various IT solutions, honing in on advanced problem-solving and strategic thinking.
- Designed and implemented an AI chatbot, resulting in enhanced user interaction and company flow.
- Amplified knowledge of Microsoft Azure, IT operations, servers, networks, security, and more.

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

IT Intern

June 2021 - August 2021

- Deepened understanding of business architecture and solution delivery in IT.
- Acquired in-depth knowledge of IT consulting through technician based roles.
- Constructed a robust professional network and gained proficiency in different technologies.

PROJECTS

Stock Predictor - Web Application | Full Stack

December 2023

- Created a web app for stock price prediction, using HTML, CSS, JavaScript, Python, Flask, and machine learning.
- Demonstrated financial data analysis, machine learning, and finance-related practical application.

Interactive Web Portfolio | Front-End

July 2023

- Developed a dynamic personal portfolio website with HTML, CSS, JavaScript, and Bootstrap to showcase skills, education, experiences, projects, and contact information.
- Enhanced personal branding and hosted on GitHub Pages for easy access.

Artificial Intelligence Chatbot | Full Stack

June 2023

- Built an AI chatbot with Python, TypeScript, Node.js, and Azure OpenAI GPT-3.5 Turbo, integrated into Microsoft Teams for improved user interaction.
- Leveraged advanced AI for efficient communication and task automation, boosting productivity.

myGainz - Web Application | Full Stack

December 2022

- Designed a gym website app with React.js, HTML, JavaScript, and Tailwind CSS.
- Integrated external APIs for exercise information and demonstrations, facilitating gym program creation and tracking.