James Kim

COMPUTER ENGINEER

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Education

Florida State University, BS Computer Engineering   **May 2025**

Major: Computer Engineering

Relevant Coursework: Artificial Intelligence, Applied Machine Learning, Digital Speech Processing, Cybersecurity, Computer Networks, Computer Architecture, Statistical Topics in Electrical Engineering, Discrete Math, Applied Linear Algebra, Differential Equations, Object-Oriented Programming, C++, C, VHDL, SQL and Data Structures.

Certifications: Microsoft Office Specialist

Experience

Telus Digital AI Data Solutions | AI Prompt Engineer   **July 2024 - Present**

- Reviewed AI-generated code for accuracy and quality while training AI to respond effectively to user queries and analyzing its responses.
- Evaluated and improved code efficiency by identifying enhancements and providing recommendations to optimize AI performance.
- Summarized research and analysis in a clear, engaging manner and prepared reports for management.

Outlier | Software Developer – AI Training   **May 2024 - Present**

- Developed code and optimized AI-generated code across multiple programming languages including Python, C, C++ and SQL, enhancing system performance and functionality, contributing to the development of advanced natural language processing systems.

- Collaborated cross-functionally to identify and address specific challenges faced by AI models, contributing to continuous refinement and enhancement of model capabilities.

- Worked on models for leading tech companies, gaining extensive experience with AI systems.

- Provided detailed, constructive feedback on AI responses and code, highlighting strengths and identifying areas for improvement.

Projects

Talquin Electric Cooperative | Home Power Monitor   **Sep 2023 – May 2024**

- Developed a power monitoring system aimed at reducing electricity bills through innovative use of technology.
- Utilized current sensors with RaspberryPi to create a device that displays power usage for each individual room/utility in a home or business.
- Designed and implemented data management processes, sending power consumption data to an API and saving it to a SQL database.
- Built and maintained a website on local server to display power consumption data, ensuring user-friendly access to information.
- Applied a variety of technologies including HTML, CSS, JavaScript, PHP, SQL, SQLite3, Python, and Photoshop.
- Collaborated with a team to successfully deliver the project, demonstrating strong teamwork and communication skills.