Iain Crowe

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Professional Summary

Motivated Computer Science graduate with hands-on experience in machine learning (Python, TensorFlow) and web development (MERN stack). Skilled at collaborating with cross-functional teams, conducting code reviews, and implementing effective AI-driven solutions in healthcare and environmental sectors.

Technical Skills

Programming Languages: Python, C, C++, Java, JavaScript
Web & Frameworks: Node.js, Express.js, React.js, Flask, HTML, CSS, Tailwind CSS
Databases: MongoDB, MySQL
AI/ML: TensorFlow, PyTorch, Prompt Engineering (LLMs)
Tools & Methodologies: Git/GitHub, Jira, Agile/SCRUM, Linux

Experience

Machine Learning Engineer
SKD Technology Partners and Orlando Health | Aug 2023 – Present
- Developing a Spinal Triage AI tool to analyze MRI images for potential spinal stenosis in lower-back patients.
- Leveraging Python, TensorFlow, and MongoDB for data preprocessing, storage, and model training.
- Collaborating with Orlando Health clinicians to refine dataset labeling and ensure clinically relevant metrics.
- Managing sprints and deliverables via Agile/SCRUM using Jira and GitHub, building on prior success at UCF's Senior Design.

AI Prompt Engineer
Outlier.ai | May 2024 – Dec 2024
- Developed specialized prompts to guide Large Language Models (LLMs) in generating code solutions across Python, Java, and JavaScript.
- Reviewed and refined model outputs, selecting the most efficient and accurate code implementations for production use cases.
- Conducted iterative testing and code reviews to ensure solutions adhered to best practices, coding standards, and project requirements.

Sandwich Artist
Subway | Part-Time, May 2021 – Dec 2024
- Provided reliable customer service in a high-volume setting while balancing 30+ weekly work hours with full-time studies.
- Handled daily transactions, restocking, and food preparation in compliance with safety standards.
- Demonstrated strong teamwork and flexibility, consistently meeting store performance targets.

Education

University of Central Florida – Orlando, FL
Bachelor of Science in Computer Science, 2024 | GPA: 3.44

Valencia College – Orlando, FL
Associate of Arts in General Studies, 2021 | GPA: 3.80