

Iain Crowe

SOFTWARE DEVELOPER

OBJECTIVE

Motivated and skilled Computer Science graduate seeking opportunities to apply machine learning expertise in environmental conservation or the medical field. Experienced in developing machine learning tools for medical imaging analysis, with a passion for leveraging AI to make impactful contributions to society.

EXPERIENCE

SPINAL TRIAGE MACHINE LEARNING TOOL

University of Central Florida, *Project Manager*
Aug 2023 – Current

Led a team of six in developing a machine learning tool to analyze MRI images for spinal stenosis in lower back patients. Collaborated with Orlando Health, achieving an 85% model accuracy on a limited dataset. Utilized Python, TensorFlow, and MongoDB for data processing, storage, and learning. Managed the team efficiently using tools and frameworks such as GitHub, Jira, and Agile/SCRUM methodologies. Awarded Best in Interdisciplinary Project at the Fall 2023 Senior Design Showcase, University of Central Florida.

AI PROMPT ENGINEER

Outlier, *Artificial Intelligence Prompt Engineer*
May 2024 – December 2024

Fine-tuned Large Language Models (LLMs) to enhance performance and accuracy. Utilized Python, Java, and JavaScript to optimize AI models. Conducted thorough code reviews with high attention to detail, ensuring accuracy and adherence to best practices.

CINEMAGUESSER.XYZ

University of Central Florida, *Project Manager*
Oct 2022 – Dec 2022

Led a team of seven in the development and deployment of a full-stack MERN (MongoDB, Express.js, React.js, Node.js) application. Oversaw the creation of the web application using React.js and a mobile application using React Native. Utilized a variety of technologies including JavaScript, CSS, HTML, Tailwind CSS, and RESTful APIs to build and style the applications.

CONTACT

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EDUCATION

University of Central Florida, 2024
BS in Computer Science, GPA: 3.44

Valencia College, 2021
AA in General Studies, GPA: 3.8

SKILLS

Agile
C
C++
CSS
Flask
GitHub
HTML
Java
JavaScript
Jira
Linux
MongoDB
MySQL
Node.js
PyTorch
Python
React.js
Scrum
Software Project Management
Tailwind CSS
TensorFlow