ALEX PANG

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• https://github.com/AlexPangProjects

Education

University of Bath

Bachelor of Engineering (Honors) Electrical and Electronic Engineering [Oct 2022 – July 2026] (undergoing)

- 2:1 Predicted

Modules:

Introduction to programming in MATLAB, Electronic laboratory techniques & professional engineering practice, Circuit theory, Signals, systems and communications, Microprocessors and interfacing, Digital electronics

- Experience programming FPGAs, integrating software, designing PCBs, and simulating hardware/software.

Work Experience

Electronics Engineering and Software Engineering Consultant, **Outlier AI** – Remote Contractor, 06/2024 – Present

- Worked as an expert on the Flamingo project which was focused on multimodal deep-learning reasoning using combined text, visual, and audio input.
- Created training data for 3rd party AI/ML based on self-sourced primary data.
- Applied electronics theory to prompts formatted with LaTeX per client specifications.
- Managed prompts and responses, providing feedback and adjustments to ensure the quality was in accordance with client requirements.

DevOps Intern, **MozartAI** – London, UK, 07/2023 – 12/2023

- Trained and refined ESG-focused LLM models using secondary data provided by clients.
- Wrote scripts for automatic data gathering and formatting.
- Worked extensively with industry-standard open-source software such as GitHub and Label Studio to create a purpose-built labeling platform for LLM training data.
- Involved in front-end development, doing UX design to make the service more accessible for clients and stress testing the UI to prevent issues before launch.

Technical Skills

Languages:
- Proficient – Python, MATLAB, C, HTML, CSS
- Have experience with – Verilog, JS

Programs:
- OrCAD Capture Cis
- Allegro
- Quartus Prime
- Questa