LLM Technician and AI-Powered React Web Developer with a **BSc in Mathematics and Computer Science** from Aberystwyth University. Experienced in **Python** with a focus on **Langchain** and LLM integration management. Secondary skills in Java and React web development.

Experience

LLM Technician - Data Annotation - September 2023 - Present
Fully remote

Data Annotation is a B2B LLM training firm training custom language models for tech clients including **Google** and **Anthropic.** The role involves planning and **defining AI Architecture,** testing and evolving AI solutions on the fly.
Langchain-heavy **Python FastAPI** work implementing the backend code for various custom LLM training projects
Typical projects include training: react web development, advanced programming skills, adversarial usage, API integration (teaching the models to use APIs), truthfulness/accuracy, mathematics, etc.

AI Architect - Stallion Software
Hybrid Remote

After being a beta tester for **GPT-3** at university, I quickly realised LLM tech was the future and decided to refocus my skillset on those roles. I was lucky to get an internship at **Stallion Software**, a software consultancy. I worked there from **October 2022** to December as an intern, and then transitioned to paid role implementing LLM tech, after I succeeded in convincing management of its value. I worked in this role until **August 2023**

Using **GPT-3, text-davinci-003, and** later **GPT-3.5,** I developed workflows using the **OpenAI API** with **Requests** for workplace efficiency improvements. The LLM client I developed was largely based on the LLM client in the Projects section below. Developed a **document summariser,** an **email summariser** and **guided composer**, **easy automated code generation and editing.** This is involved significant **prompt engineering**, model fine-tuning, and **RAG**
Worked with **Agile** methodologies to streamline communication and ensure on-time delivery

AI-Powered React Web Developer   ---------------------
Freelance / Personal Projects

- Building, deploying and managing websites. Comfortable with **frontend and backend**
- Generally favour simplicity over complexity, but can also do complexity
- HTML, CSS, Javascript, Node.js, **React.js**
- **Supabase**, **Replit,** Github Pages**, Render**, MongoDB, **FastAPI**
- https://www.regista.world
- https://keeshartley.website
- https://billibyte.site

Education

BSc Mathematics and Computer Science - 2:1 – University of Wales Aberystwyth – Sep 2019 - Jun 2022

A-Levels - Mathematics, Computer Science, Economics - A, B, C – Parrs Wood Sixth Form

GCSEs - 1 A*, 5 As, 5 Bs, A* Maths, A Physics -- St Bede's College, Manchester – 2011 - 2016

Projects

Regista
https://www.regista.world
A football passion project I'm developing with **React Javascript**, involves data analysis, UI development, **web-scraping** to produce a suite of experiences for football fans, and a platform from which people can write match reports and organise fan meets and action. Includes **full Supabase db** with account system and commenting. Hosted for free on **Github Pages**

LLM Client
https://github.com/A-Kees-H/LLM-client
- My personal LLM client, written in Python with **PyQt6**
- Built for external release--uses secret key encryption and other security safe practices
- Works primarily from the command line or as a **Python Module**, but also has an intuitive GUI built

Scratch-Net
https://github.com/A-Kees-H/scratch-net
- Created a neural network from scratch with Python, focusing on core machine learning principles.
- Explored optimisation techniques and demonstrated object-oriented programming expertise.

Billibyte
https://billibyte.site
A simple proposal to change the nomenclature for byte sizes