Liam Quinn - Software Engineer

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I'm a full-stack software engineer with strong experience integrating AI into applications. I owe my success in my self-taught education to my innate curiosity and determination. My History background demonstrates my love for discussing abstract ideas, and my ability to use divergent thinking to solve problems. I'm an effective independent worker, but thrive most when working collaboratively because I'm an excellent speaker and listener. I navigate conflict effectively since I consider diverse opinions. Management experience in hospitality has shown my industriousness and competence when making critical decisions under time pressure. I have a passion for software and I want to challenge myself in this industry.

Technologies learned: **React JS, JavaScript, HTML, CSS, Tailwind CSS, React Native, Angular, Node JS, Express JS, Git, GitHub, MongoDB, Vercel, OpenAI, HuggingFace**

My Projects

AI-ticulate

- An addictive game where the player describes a word and scores points if the AI guesses correctly.
- Created using: React JS, Tailwind CSS, Node JS, Express, OpenAI API
- Skills learned: useState, useEffect, props, API calls, prompt engineering
- **Live demo**: https://ai-ticulate.uk/
- **GitHub**: https://github.com/liamquinn14/ai-ticulate

Wordchain

- A fast-paced game where the player scores points for submitting words that begin the ending of the previous word. The AI verifies the player's answer, then responds with its own word.
- Created using: React JS, Tailwind CSS, Node JS, Express, OpenAI API, Vercel, dotenv
- Skills learned: useContext, creating APIs, backend API calls, Vercel deployment, Git Branching, GitHub issues
- **Live demo**: https://www.wordchain.lol
- **GitHub**: https://github.com/liamquinn14/wordchain

Try Not To Laugh

- A fun party game that challenges players into delivering random funny prompts without laughing. The game contains thousands of possible prompts, and even Ai generated prompts.
- Created using: Expo, React Native, Native Wind, OpenAI API
- Skills learned: React Native elements and styling, Mobile Development

BeatGPT

- A thought-provoking drag and drop game where players try to predict how the AI answers a given question.
- Created using: HTML, CSS, JavaScript
- Skills learned: Background images, UI design, conditional JS styles
- **Live demo**:https://liamquinn14.github.io/beatGPT/
- **GitHub**: https://github.com/liamquinn14/beatGPT

Calculator

- A complete calculator with all four key operations and a decimal point.
- Created using: HTML, CSS, JavaScript
- Skills learned: complex algorithms, DOM manipulation, Flexbox
- **Live demo**:https://liamquinn14.github.io/calculator/
- **GitHub**: https://github.com/liamquinn14/calculator

Etch-a-Sketch

- A fun digital sketching toy with an adjustable canvas size. There is a random colour generator with over 16 million different colours.
- Created using: HTML, CSS, JavaScript
- Skills learned: Event listeners, creating/removing DOM nodes with JS
- **Live demo**:https://liamquinn14.github.io/etch-a-sketch/
- **GitHub**: https://github.com/liamquinn14/etch-a-sketch

Work Experience

The Star, JD Wetherspoon, Hoddesdon (2018-2024) - Shift Leader (2023-2024)

- Solved many complex problems under time pressure and effectively managed challenging scenarios, including handling violent customers and coordinating with emergency services. My rationale ensured safety and service standards, illustrating my competence in navigating high-pressure situations.
- Demonstrated autonomy, initiative and strong leadership skills. I motivated my team, even in difficult situations, with positive reinforcement and an unwavering commitment to high standards. In unexpectedly busy shifts I took authority of the situation and carefully managed my team to deliver effective results at pace. To maintain control of shifts I proactively dealt with problems before they escalated.
- Exhibited strong conflict management skills. I managed hundreds of conflicts with customers by carefully listening to them and correspondingly tailoring my communication style to their needs. One review refers to my customer service as "second to none" after I dealt with a problem with the customer's food.
- Displayed great communication skills. I confidently delivered dozens of interviews and appraisals, and relied upon my open and honest communication style to show my colleagues how to improve. I used my passion and charisma to motivate, train and mentor several colleagues to management level.

Education

Durham University (2018-2021) - BA History - 2:1

- Took modules in Early Modern English Social History, and Late Modern African history
- 12,000-word dissertation on religious identity during the Rwandan genocide
- Remained organised and scheduled work to meet tight deadlines - delivered effective results at pace
- Scored highly in presentation projects - sparking classroom debate after an interesting and engaging speech
- Demonstrated excellent research, planning and writing skills - was effective in independent projects
- Wrote persuasively with strong focus and source analysis - praised for building many strong arguments

The Broxbourne School (2011-2018)

A-Levels (2016-2018)
- Religious Studies - **A***
- Economics - **A***
- History - **A**

GCSEs (2014-2016)
- **6 A*** (including Maths and History)
- **4 A** (including English Language)
- **2 B**

Soft Skills

- Skilful critical thinker, analyst and problem-solver
- Creatively develops new and abstract ideas
- Engaging communication and storytelling skills
- Proficiently tailors communication according to an individual's personality
- Industrious and punctual individual with intentions of career progression
- Excellent numerical and reasoning
- Effective management of colleagues and conflict

References

- The Star JD Wetherspoon - 01992448477
- Rachel Fisher (former Pub Manager) - 07885755223
- Nigel Norton (former teacher) - 07958682076