

Alexandra Hawthorne

alliehawthorne.dev
hello@alliehawthorne.dev

linkedin.com/in/allie-hawthorne
github.com/allie-hawthorne

Software Engineer with a focus on elegant UI design, clean and maintainable code, and thoughtful user-centred solutions. Three years of professional experience with modern front- and back-end technologies.

Work Experience

ClicknClear | London (Remote)

Primary technologies: React, Node.js, Fastify, MySQL, TypeORM, Zod

June 2023 - April 2025 | **Full-Stack Software Engineer**

- Spearheaded initial design and architecture of a mobile-first music mixing web app
- Created a license document parser, augmenting the low cost of traditional OCR software and the power of GPT-4 to reliably extract data and reform this into a strict JSON object

February 2022 - June 2023 | **Graduate Software Engineer**

- Sped up initial site load by 60%, increasing performance by reducing unnecessary component re-renders, identifying and removing unneeded SQL joins & API calls
- Helped develop an online music playlisting feature used in the 2022 World Artistic Gymnastics Championships and beyond

Education

Computer Science BSc (Hons) | University of Lincoln | **First Class**

September 2017 - July 2021

Modules Included:

- Group Project: Tasks six students to function well as a team to complete a project and create documentation of the process.
- Professional Practice: Teaches how to perform effectively and efficiently in a work environment.
- Problem Solving: Challenges students to work in groups, encouraging teamwork, and to think laterally & creatively to solve a variety of problems.

Technologies and Languages

- Languages: TypeScript, JavaScript, SQL, HTML, CSS/SASS, C#
- Technologies: React, Node.js, RESTful APIs, MySQL, MongoDB, AWS, Git, GitHub, p5.js, ASP.NET Core

Accolades and Certifications

- Seven MTA certifications, averaging 88%
- Peer Mentor for first year Computer Science students during degree
- Completed The Lincoln Award, an extracurricular designed to further soft skills in the workplace
- Travelled to KDU University College in Penang, Malaysia as a university ambassador