

ALEX GAO

STUDENT - ENGINEER AT UCSD

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PROFESSIONAL OVERVIEW

I recently graduated from one of UK's top independent schools with top A-Levels results (A*A*A*A). I have a strong background in mathematics and a thorough understanding of full-stack development and DevOps practices. I've applied these skills in a range of settings, from leading student companies to building my personal websites and independent projects. Currently I am pursuing a Math-CS undergraduate degree in UC San Diego.

WORK EXPERIENCE

Software & DevOps Intern

Climind, San Francisco | 2024 May – 2025 August

- Built and deployed a web crawler that collected ESG reporting data and bond information, producing over 100,000 tokens to enhance Climind's language model training.
- Contributed to the improvement of Climind's LLM by supporting data quality, model performance, and workflow optimization.
- Applied DevOps practices: Containerization (docker), CI/CD pipeline to ensure efficient and reliable development processes.

Lead Developer and Marketing Director

Radians, London | 2023 August – 2024 April

- Designed and deployed a full-stack website using React, Node.js, and MongoDB, providing an online presence for the company's physical product.
- Implemented a customer support system by integrating email workflows (Gmail/SMTP) and a call chain (VoIP), improving response times and client engagement.
- Directed marketing initiatives, including social media campaigns and digital outreach, to promote the product and grow visibility.

SKILLS

Engineering Skills

- React, JavaScript, HTML+CSS
- Node.js, Flask, Python, Rust
- MySQL, MongoDB
- C# (Unity), Godot

Other Skills

- Critical thinking
- Time management
- Leadership
- Teamwork (Technical)

Languages

- English – Native Proficiency
- Chinese – Native Proficiency

ACHIEVEMENTS

Gold Medal

British Informatics Olympiads
2025

Gold Medal

British Mathematical Olympiad I
2024

MORE LINKS

LinkedIn:

www.linkedin.com/in/alex-gao-a95bbb2a5/

GitHub:

<https://github.com/alexgaoth>

EDUCATION

Bachelor's degree

Math-CS
UC San Diego
Class of 2029

(Project to Graduate in 2028)

A-Levels (High School)

Double Math, Physics, Computer Science
St Paul's, London
2023-2025

GCSEs (Middle/High School)

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Caterham School, Surrey
2020-2023