

# Ko Berrick Eldridge

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## Education

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### Global Engineering and Business Programme

#### BEng in Computer Science & BBA in Finance

The University of Hong Kong, HK

Sep 2020 - Jun 2025 (Expected)

CGPA: 3.6 out of 4.3

#### Honours and Awards:

- First Class Honours (BEng in Computer Science) | 2020-24
- Dean's Honours List | 2020-21, 2022-23

Relevant Courses: Data Structures, Algorithms, OS, Networks, Databases, WWW, Data Science, IoT

## Skills

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- **Programming:** Python, C++, C, Java, HTML, CSS, JavaScript, React, Node.js, PHP, SQL
- **Languages:** Cantonese (Native), English (Fluent), Mandarin (Fluent)

## Experience

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### Web Development Intern

Pokeguide, HK

Jun 2024 - Aug 2024

- Developed an online publishing platform with a dedicated CMS using Next.js and React Native
- Defined comprehensive functional requirements to enhance team efficiency and align with user needs

### Summer Intern

Hong Kong Productivity Council, HK

Jul 2023 - Aug 2023

- Built an internal chatbot based on ChatGPT using Next.js and PostgreSQL, incorporating features such as authorization and local chat history storage
- Implemented document processing function based on similarity search using Flask and Milvus

### Web Development Intern

Boutir, HK

Jun 2022 - Aug 2022

- Developed components for the company's web application using React and Flask
- Engaged in the agile development process, including sprint planning and feature demonstrations

## Projects

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### Senti-Gemini ([Project Website](#))

Python, Gemini

- Developed a sentiment analysis tool to collect Reddit data and present detailed insights through appropriate visualizations
- Optimized prompts for aspect-based sentiment analysis, achieving over 80% accuracy

### Thocky API ([Github](#) | [Deployed API](#))

Express, MongoDB

- Built a REST API with CRUD operations for product data management
- Implemented user authentication and authorization using JSON Web Tokens