

Christopher Huber

<https://wasuregusa18.github.io/portfolio>

Work Experience

2021 Dec - **Senior Fullstack Developer and Team Lead at SelfDecode, Kyoto**

Helped lead company-wide transition to microservice self-managed infrastructure with amazon cloud development kit.

Designed and implemented multi-layered backend optimisation strategy, including lazy and write-through caching for all site apis using redis, a reader-writer db router, and db query optimisation, saving hours of db computation each day.

Introduced a suite of react practices, tools and hooks to increase performance, improve code readability and maintainability, and simplify debugging progress; these were adopted company-wide and helped reduce time first meaningful paint by more than 3 seconds.

2021 Jul – Dec **Fullstack Developer at SelfDecode, London**

Designed, built and maintained site-wide search engine, which continuously real-time indexes data from multiple microservices and supports complex querying via ElasticSearch (100+M documents).

Optimized report generation pipeline to scale and elegantly handle high-traffic peaks, while integrating non-intrusive statistic collection and debugging tools. Has successfully processed millions of reports and managed 100+k per day generation event peaks.

2020 Jul - Nov **Intern at Gladstone Capital Management, London**

Developed program to discover and download company filing data, extract target sections with regex, and analyze output with natural language processing.

Education

2017 – 2020 **Master of Letters, Kyoto University, Kyoto (GPA 3.96)**

Division of Philology and Literature – Japanese Language and Literature

2012 – 2016 **Bachelor of Arts, Brown University, Providence (GPA 3.97)**

Magna Cum Laude, BA. Classics, Philosophy (Honours) and East Asian Studies (Honours)

Phi Beta Kappa in junior year

Skills

Frontend HTML, CSS, TypeScript, React,

Backend Django, Flask, Express

Databases PostgreSQL, MySQL, MongoDB, Redis, ElasticSearch

Infrastructure AWS (CDK), Docker

Data Science NumPy, Pandas, Matplotlib, Jupyter, Tensorflow

Additional Information

Languages: English (Native); Japanese (Fluent); German (Basic)