

# Edmond Tam Han Wen

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## WORK EXPERIENCE

**eras** London, United Kingdom

*Open-source platform for AI-generated goal-setting and follow-through – see <https://eras.fyi>*

Co-founder

June 2023 – Present

- Implemented prototype and feedback cycle to identify and address customer problems when achieving their personal goals, prioritising high-value UX assumptions tested with quick turnaround techniques to get clarity on product development
- Deployed AI chatbot and personal guide using Netlify, Supabase Edge Functions and PostgreSQL
- Developed blog, app and landing page using TypeScript, NextJS, React, Tailwind, OpenAI, Plausible and TanStack Query

**Grand Cloud**

London, United Kingdom

*Contractor for idPair, an identity management platform for US gaming sites*

Full-Stack Engineer

November 2022 – June 2023

- Developed Go API service for user/resource management on AWS, improved data fetching speed by 40% via pagination/caching, and implemented devops tooling including CI/CD and a staging environment
- Built out React dashboard proof of concept for regulators and gaming operators based on Figma designs

**HeartRithm**

London, United Kingdom

*Social impact-centred crypto hedge fund focused on on-chain lending protocols*

Full-Stack Web3 Engineer

November 2021 – November 2022

- Designed deposits/withdrawals, flow of funds, Chainlink oracle and Solidity bridge for our Ethereum decentralised fund
- Designed and implemented market-neutral futures arbitrage bot on centralised exchanges, including automated portfolio optimisation via CVXPY and pandas, live position managers and accounting tools for an expected return of 20% APY
- Implemented margin lending strategy on KuCoin, built Sheets integration for reporting and optimised lending algorithm

**HUMAN**

London, United Kingdom

*Cybersecurity company protecting enterprises from bot attacks to keep the internet human*

Software Engineer

November 2020 – November 2021

- Designed and built Python CI/CD tool for DB migrations on Snowflake, improving development reliability and speed
- Implemented a Node.js SDK that consolidated HUMAN bot mitigation logic across multiple cloud platforms and CDNs
- Maintained pipeline of 300k transformations/day on Datadog and Go streaming tool at 99.9 SLA by adding tests and fixes

**Jade**

London, United Kingdom

*Open-source framework for deploying JAMstack applications - see <https://jadeframework.dev>*

Co-creator, Software Engineer

April 2020 – November 2020

- Co-created Jade, a framework to automate JAMstack app deployment via AWS services (EC2, S3, Lambda, CloudFront)
- Automated EC2 setup using Node.js and SSH/SFTP; developed CDN cache invalidation with Lambdas and S3 events
- Deployed responsive Jade dashboard using React, Material-UI and Express for users to view historical builds and app info

**Teneo Management Consulting**

London, United Kingdom

*Market-leading strategy consultancy division of a global CEO-advisory firm*

Strategy Consultant

Jan 2017 – May 2019

- Designed and implemented VBA macros to help turn around a transport company facing an urgent and critical crisis
- Worked with Citrix to redesign their sales renewal team to improve customer retention, engagement and satisfaction

**Tablo LLC**

Cambridge, United Kingdom

*Fashion-tech business that calculates users' body measurements with an iOS app*

Co-founder

April 2013 – May 2015

- Responsible for fundraising, operations and marketing of Tablo – pitched the final round of the Founder.org competition

## EDUCATION

**Cambridge University**

2013 – 2016

Bachelor of Arts (Honours) in Economics – high 2.1

- Recipient of the Santander Scholarship to study web development and global protest movements at UC Berkeley in 2014
- Represented Cambridge at Harvard Model United Nations Conference 2014 and won the Diplomacy Award

**Anglo-Chinese School (Independent)**

2005 – 2010

International Baccalaureate: 43/45 (98<sup>th</sup> percentile globally), including Higher Level Math, Economics and History (7)

- Singapore National Team Sailor (2004 – 2008) and School Team Captain (2007 – 2008); national champions in 2006, 2008

## SKILLS

- Languages/frameworks: TypeScript, React, Next.js, Node.js, Python, Django, Solidity, web3.py, brownie, SQL, MongoDB
- Cloud: Supabase, Infura, AWS (ECS, EC2, Lambda, S3, DynamoDB, CloudFront), GCP, Docker, Cloudflare Workers
- Web: OpenAI, HTTP, REST, APIs, Git / GitHub, MVC, Functions as a Service, software architecture, HTML, CSS