Edmond Tam Han Wen

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WORK EXPERIENCE

Jade London, United Kingdom
Open-source framework for deploying JAMstack applications
Co-creator, Software Engineer April 2020 – Present
- Co-created Jade, a framework to automate JAMstack app deployment via AWS services (EC2, S3, Lambda, CloudFront)
- Designed Jade's architecture in a flexible and modularised way to give developers full control over their infrastructure
- Implemented user commands to abstract nearly all complexity users face when launching these services, including robust checks on user inputs, GitHub repos, AWS IAM permissions and common user workflows
- Automated setup and modification of EC2 instances by using Node.js Promises and SSH/SFTP protocols extensively
- Overcame issues of launching multiple apps with different dependencies by horizontally scaling EC2 and using Docker
- Deployed responsive Jade dashboard using React, Material-UI and Express for users to view historical builds and app info

Self-employed London, United Kingdom
Full-stack web developer August 2019 – March 2020
- Developed Reaction, a project management app similar to Trello built using React, Redux, Rails and PostgreSQL
- Wrote Ticketing Machine, a GitHub-like app used to manage projects, tickets and comments for teams, written in Rails
- Launched Route Planner, a React app where users can choose from available flight routes by clicking on a map

Brain Analytics London, United Kingdom
Machine learning startup that quantitatively models sports games
Software Engineer May 2019 – July 2019
- Deployed AWS infrastructure (EC2, DynamoDB, S3) using Python and Docker to integrate ML models with client APIs
- Achieved a signal response time of less than 500ms by optimising architecture and algorithms
- Built and maintained trading infrastructure by implementing automated testing and monitoring systems
- Modularised the application, allowing new machine learning models to be seamlessly added and tested

Teneo Management Consulting London, United Kingdom
Market-leading strategy consultancy division of a global CEO-advisory firm
Strategy Consultant Jan 2017 – May 2019
- Worked on 15+ projects across the software, transport and business services industries
- Designed and implemented VBA macros to help turnaround 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

ENTREPRENEURSHIP

Tablo LLC Cambridge, United Kingdom
Fashion-tech business based on an app that uses photos to calculate users' body measurements
Co-founder April 2013 – May 2015
- Responsible for the fundraising, operations and marketing of Tablo's iOS app
- Oversaw development of app prototype, architecture and feature specifications
- Approached c. 50 funding sources, raised over USD $10k, and reached final round of Founder.org competition

EDUCATION

Launch School August 2018 – March 2020
Software Engineering school focused on mastering web development fundamentals; see https://launchschool.com/employers

Cambridge University 2013 – 2016
BA (Hons) in Economics – high 2.1
- Recipient of the Santander Scholarship to study web development and global protest movements at UC Berkeley in 2014
- Specialised in advanced econometrics; dissertation on how migrant policy change affected Singapore's income distribution
- Represented Cambridge at Harvard Model United Nations Conference 2014 and won the Diplomacy Award

Anglo-Chinese School (Independent) 2005 – 2010
International Baccalaureate: 43/45 (98th 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**: JavaScript (ES6), React, Redux, jQuery, Node.js, Express, Ruby, Rails, PostgreSQL, MongoDB
- **Cloud**: AWS EC2, AWS Lambda, AWS S3, AWS DynamoDB, AWS CloudFront, AWS IAM, Docker
- **Web**: HTTP, REST, APIs, Git / GitHub, MVC, Functions as a Service, web app architecture, HTML, CSS