MICHAEL ZHAO

+61 415 773 022 | michael.yj.zhao@gmail.com | github.com/myz96 | linkedin.com/in/michaelyjzhao | myzhao.info

EDUCATION

GENERAL ASSEMBLY   December 2022 - June 2023
Software Engineering Immersive
Capstone: GPT-powered knowledge graph which automatically organises and stores user notes based on semantic meaning
- Generated semantic and codified node and edge graph inputs through OpenAI's generative LLM API
- Developed full-stack React web application with Express and Node.js backend and MongoDB database with CRUD functionality and MVC architecture

UNIVERSITY OF MELBOURNE   2015-2019
Bachelor of Commerce, with Economics Honours   82.4/100 First Class Honours Grade
- *Thesis:* The Theory of Equalising Differences: Aggression Wage Differentials in Australia's Clinical Practice
- *Awards:* Top grade Microeconomics; Enactus Australia 2018 Social Enterprise Award; Auckland International Champions Case Competition; Melbourne Global Scholarship; Leaders in Community Award; New Colombo Plan

MELBOURNE HIGH SCHOOL   98.8 ATAR (Top 1.2% percentile)   2011-2014
- Led cohort of over 300 boys to the 2014 Annual Championship as Como House Captain

WORK EXPERIENCE

SEEK
Product Manager, AI Platform Services   Jul 2022 – Present
Established explainable matching capability for APAC job marketplace with over 80m users
- Initiated and launched Large Language Model (LLM) based explainable matching product, with personalised nudging capabilities, driving +8% incremental matches through hirer channels
- Led team of four data scientists, four engineers and one associate product manager to scale seven AI-based services to 5 APAC markets, increasing user coverage by 500%
- Led initiative to capture novel data increasing north-star data coverage by 20x including previously uncaptured users
- Developed Career Scorecard tool used by 15+ AI product managers to standardise feedback and evaluation criteria

ACCENTURE STRATEGY
Consultant, Data Science & Econometrics   Apr 2020 – Jun 2022
- Led an Australian-first study to forecast COVID-19 revenues exceeding $30bn for executives at ASX10 conglomerate [Matched Counterfactual analysis, R]
- Supported multiple strategic engagements for global technology companies including Google, Amazon, Instacart and Square [Multivariate Time Series, Discontinuity analysis, SQL, Python]

TECHNICAL PROJECTS

Front-end:
- Designed and built online storefront for eCommerce supplement brand https://ravesupplement.com.au/ [HTML, CSS, JS]
- Developed NBA Player Guessing Game (Wordle alternative) https://myz96.github.io/hoopsiq/
- Implemented knowledge graph visualisation package [JS: Visjs, React]
- Implemented Chakra UI framework for front-end design of full-stack web application [JS: ChakraUI]

Back-end:
- Implemented CRUD functionality using MVC architecture [JS]
- Implemented Express and Node.js back-end for full-stack web application [JS: Node]

Deployment:
- Deployed full-stack web application https://secondbrain-gptgraph.onrender.com/ [Render]

Databases:
- Implemented MongoDB database using Mongo Atlas [MongoDB]
- Implemented Data Access Objects for database manipulation [JS]

AI:
- Implemented GPT responses using OpenAI's API for automatic semantic organisation [JS, OpenAI]

SKILLS

Languages: Javascript, HTML, CSS, R, Python, SQL, Figma, MS Office

Interests: NBA hoop dreams, Filter coffee, Melbourne Marathon, Oxfam 100km Trailwalk, Vipassanā meditation