Aaron J. Chan

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location: Bristol, UK

Software Engineer | Full-stack | Frontend Design | Product Architect

Education:

- **BSc Computer Science**
  University of Bristol   *2021 - Present*

  Expected graduation: June 2024
  Average GPA: 3.7 (2:1 classification)

- **Advanced Levels (A-Levels)**
  Bosworth Independent College   *2019 - 2021*

  Achieved A*A*A* in Computer Science, Maths, Further Maths

- **GCSEs**
  Kingsthorpe College   *2014 - 2019*

  Achieved 9 GCSEs grade 9-4, with grade 9 in Maths, Computer Science (self-taught), Biology, Chemistry, Physics

Projects:

Panderer 🔗

I've constructed a real time web app to track approval rating for live streamers like stock prices, using Firebase to host, serve and manage infrastructure.

React   TypeScript   Firebase
Google Cloud   Node.js   Vite

VetDB

I managed a team, designed and built a full stack app in group coursework to easily manage all vet student placements for the Bristol Veterinary School, migrating from legacy system. Achieved First class by delivering client satisfaction.
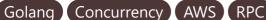
MERN stack   Agile methodology
Team collaboration   Client communication

Game of Life 🔗

I built a cellular automata simulation as coursework using Golang, optimising performance with distributed worker nodes. Also developed RPC interfaces with PubSub system to balance work. Achieved First class.

Golang   Concurrency   AWS   RPC
Distributed architecture

Why hire me in a Tweet.
Passionate. Determined. Meticulous. From the tiniest UX problems to architecting systems, I strive to solve them - taking care, pride and satisfaction in the process.

Links:

- in linkedin.com/in/aaron-chan-/
- ⓞ github.com/mathspsychopath

Soft Skills:

- Agile Development
- Kanban
- Project Management
- Superb Communication

Strengths:

- Deliberative
- Adaptability
- Maximiser
- Empathetic
- Relator

(verified with Gallup Strength Finder 2.0)

Work Experience:

Co-founder & Front-end Engineer   *2023 - Present*

Co-founder of RecallAI (Prelaunch):
- Designed user interface for product
- Engineered product to communicate with industry standard services
- Solved rapidly changing requirements and problems in order to minimise technical debt and implement cleaner design patterns

Teaching Assistant   *2022 - Present*

Worked whilst at university:
- Assisted students and provided guidance
- Answered questions and explained concepts effectively
- Received positive feedback for helpfulness and simplifying complex topics

Leadership roles:

Lead Product Architect for RecallAI

Currently the lead product architect for RecallAI, guiding the design and development of the UI and overall product. This involves reporting directly to the CEO, but with autonomy to execute enhancements to the product as I see fit.

Division Head of Derivatives at Bristol Trading Society

Led a team of 10 analysts to manage a $1m virtual portfolio, discussing trades, analysing economic events and learning about markets.
Delivered a 19% ROI on this portfolio using a various option strategies, and long/short stock methods.

Project Manager for VetDB

Became the de facto project consultant & manager, leading a team of 4 members for the VetDB project, overseeing the engineering of the product structure. This involved overseeing the entire product life cycle, from client requirement meetings, product designing, engineering and presenting final work.

Languages:

- **English**
  Proficiency level: Native speaker
- **Chinese (Cantonese)**
  Proficiency level: Conversation level

Extra-curricular & Interests:

UI designer

Utilised my skills to create visually appealing and user friendly interfaces for web applications in Figma. Using MUI toolkit to build sleek and familiar looking mock-ups.

Member of the Bristol Trading Society

Participated actively in the BTS, attending regular meetings, workshops and trading simulations. Engaged in market trends discussion, trading strategies and financial analysis.

Active investor & home portfolio manager

Engaged in personal investment and trading activities, researching and exploring market opportunities. Managed a home portfolio, monitoring investments and making informed decisions to maximise returns.
Delivered a 36% return between May 2023 and July 2023.

Pottery Enthusiast

I took part in throwing pottery on the wheel as extra-curricular activity, honing clay shaping, glazing techniques and kiln operation.
Developed precision appreciation and attention to detail.
Successfully taught 1 fellow student to independently throw pottery and infuse passion in art pieces.