Aaron J. Chan

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mobile: +44 7427613292
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

Projects:

RecallAI

I'm partnering to build a full stack application to utilize OpenAI APIs and transcribe video lectures into flashcards, powered by ChatGPT. Aims to simplify note-taking and improve learning efficiency for students.

`React` `Node.js` `MongoDB` `TypeScript` `Stripe` `Clerk` `Figma` `Vite`

Panderer 🔗

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

`Firebase` `Material UI` `Google Cloud`

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` `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 tiniest UX problems to architecting systems, I strive to solve them, taking care, pride and satisfaction in the process.

Links:

- 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:

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

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Languages:

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

Leadership roles:

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

Lead Product Architect for RecallAI & VetDB

De facto project consultant & manager, leading a team of 4 members for the VetDB project, overseeing the engineering of the product structure.

Was the lead product architect for RecallAI, guiding the design and development of the UI and overall product.

Extra-curricular & Interests:

UI designer

Utilised my skills to create visually appealing and user friendly interfaces for web applications. 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 manage

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 27% 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.