Samuel Forrest

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A **curious** and **driven** A-level student with a strong academic record and an extensive coding portfolio, seeking a Degree Apprenticeship. As a **collaborative** and **communicative** individual, bringing solid interpersonal skills, I thrive in team settings and am enthusiastic to learn from others while contributing my own ideas.

Education — St George's College, Weybridge (2021-Present)

A levels	Computer Science	A*	Mathematics	A	Physics	A	EPQ	A*
NEA	Tradelingo: A realistic stock market simulator app for Gen Z, with live stock data.							

GCSEs	English Literature	9	Computing	9	Mathematics	8	Latin	7
	English Language	9	Geography	9	Physics	9		
	Religious Studies	9	Chemistry	9	Biology	9		

Experience & Volunteering

Apprentadream CTO   **Sept 2025-Present**
- **Leading** the development of Apprentadream's web applications, driving the conversion of **3000+** community members into active online customers. **Collaborating** closely with the founder, contributing my ideas.

Private Tutor   **Oct 2024-Present**
- Delivering one-to-one tutoring to Computer Science students from diverse backgrounds, including those with special educational needs (SEND). Over **45 hours** of lessons given to date, improving my students' confidence.
- Developed strong communication, teaching, and time management, alongside empathy.

Freelance Developer   **May 2025-Present**
- Designed and coded interactive websites for **3 paying clients**, using TailwindCSS, React, Next.js, Supabase, Google Analytics, and integrating features such as authentication, admin dashboards, blogs and AI features.
- Strengthened my client communication and problem-solving skills, whilst creating innovative solutions.

British Airways Work Experience   **Jul-Aug 2025**
- Researched and presented a proposal for a new aircraft type for the short-haul fleet to a member of the fleet operations team, developing my analytical and presentation skills. Also attended a hands-on insight day.

Virtual Work Experiences & Courses   **Jun-Aug 2025**
- Completed virtual work experiences, including Llyods & BA Connectr modules, as well as Springpods with Barclays Developer, Amazon /AWS, JLR, Siemens, Fujitsu, Ideagen and Forage software developer experiences.

HUDJO Tech Startup Work Experience   **Aug-Nov 2024**
- Explored cross-platform mobile development by shadowing a startup developer at HUDJO, a bike-parking app, learning how cross-platform apps are built using JavaScript, TypeScript and the React Native framework.

Volunteering: St Michael's Fulwell Sound Engineer   **2017-2023**
- Volunteered 2 hours every Sunday, managing the audio and visuals at church, developing technical skills in sound mixing, alongside critical thinking skills and remaining calm under pressure, for over **6 years.**

Key Achievements & Interests

Academic Performance: Academic scholarship awarded for outstanding performance
Hackathons: Winner of KTHack25 Environmental Prize (£300)

Samuel Forrest Curriculum Vitae
Note: A-level grades are predicted by the school.
EPQ mark of 51/54 provisional (A*)   Page 1 of 2

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Music: Grade 7 Saxophone & Grade 5 Piano, music half-colours award, Jazz Band & Concert Band member
DofE: Silver & Bronze Duke of Edinburgh Award, improving my teamwork and collaborative skills.
Flight Simulation: An active member of the VATSIM network as a pilot and a trainee air traffic controller, developing strong multitasking, quick decision-making and stress management.
Challenges: Achieved Bronze in the UK Maths Challenge, Gold in Bebras and participated in the BIO.
BCS: Student member of the BCS – The Chartered Institute for IT
Mentoring: I currently support two primary school children with their literacy weekly.

Technical Skills

Developing proficiency in a broad range of technical skills, applied through personal and freelance projects:
Programming Languages: JavaScript, TypeScript, Python (A level), SQL, HTML, CSS
Frameworks: React.js, Next.js, React Native, Expo, TailwindCSS, Nativewind
Databases & Backend: Supabase (Postgres), Prisma (ORM), tRPC, Node.js
APIs: REST, Financial APIs (Polygon.io), AI APIs (OpenAI, Gemini, Anthropic)
Other: Git/Github, SEO, Google Analytics, Google Search Console, Google Cloud Run, Microsoft Office, Notion

Professional Development

AWS Developer Learning Plan: Currently completing this plan, covering containers, AWS Lambda and CI/CD.
NotJust.dev YouTube: Developed various mobile projects following his YouTube channel
W3Schools Tutorials: Practised W3Schools tutorials for TypeScript, SQL and React
JavaScript Tutorial: Completed the JavaScript.info tutorial

Other Interests

Rowing & Fitness: dedicated 8 hours a week to rowing from 2021-2025
Fundraising Bike Rides: London to Brighton BHF (£500 raised), London to Paris (£500 raised), London to Bath, and Vienna to Budapest via Bratislava (Danube River).
Blogging: Computer Science, aviation and AI blog hosted on Substack
Computer Hardware: built PCs for myself, friends and family from scratch
Listening to Podcasts: Diary of a CEO, Lightcone Podcast (Y-Combinator), Mentour Pilot

References

Available upon request.