Jack Finnis

App Developer | London | +44 7706 584678 | jack@jackfinnis.com | jackfinnis.com

First-Class Computer Science Graduate from Imperial College London with 5+ years experience building apps, 19 published apps, and 30K+ total downloads. Creator of Alive, the interactive AR experience for Apple Vision Pro that turns your living room into an aquarium. Watch Demo

EXPERIENCE

Boat Fix, Inc. – Mobile App Developer   Aug 2023 – Present
- Designed, developed and published the Boat Fix Orange app on iOS and Android.
- Upgraded the Boat Fix Pro app to display your live boat location on NOAA nautical charts.
- Integrated NWS data to alert boat owners of immediate hazards e.g. lightning.

Terra API (YC W21) – Software Engineer   Aug – Sep 2023
- Redeveloped iOS SDK from the ground up for faster delivery of HealthKit data.
- Added new health data points and SDK features through ongoing customer feedback.
- Solved customer issues live during calls and improved documentation to mitigate future issues.

Flipside Group – Mobile App Developer   Aug – Sep 2022
- Developed an iOS Widget for Papa Johns to track your pizza order status.
- Developed an App Clip for Texaco to streamline their rewards program onboarding.
- Refined solutions through weekly meetings with the CEO.

EDUCATION

Imperial College London – BEng Computer Science   Oct 2022 – June 2025
- Grade: First-Class Honours (1st), Overall Mark: 79%
- Student Activity Award: Awarded by the Senior Tutor to the most active in student affairs.
- Musical Theatre Society Webmaster, Drama Society Systems Administrator, Chamber Choir Soloist, Directed/Lead Role in 8 Plays/Musicals including 2 at Edinburgh Fringe Festival.

Eton College – A Level & GCSE   Sep 2017 – June 2022
- A Level: A*A*A*A* in Maths, Further Maths, Computer Science and Physics. STEP 2: Grade 1.
- GCSE: Eleven 9s (A** equivalent) including Computer Science.
- Head of Computer Science Society: Established weekly tutorials and student project showcases.
- Academic Scholar (Top 10%), Peer-elected Senior Prefect, Music Exhibitionist, Chapel Choir Soloist, Voice of Eton Radio during Lockdown, Lead Role in 5 Plays, Cox of 3rd VIII.

PROJECTS

Alive AR Experience – visionOS   Oct 2024 – Present
Developed and published an interactive AR experience for Apple Vision Pro in which fish swim around your room, spiders crawl up your walls, and butterflies land on your finger. Integrated A*, Boids, RRT and DWA path planning algorithms for real-time creature movement. Designed modular SwiftUI-RealityKit architecture using Components and Systems. Watch Demo

Personal Apps – iOS & macOS   Jul 2022 – Present
Published 18 apps with 30K+ total downloads, including a map of every river and canal in the UK, complex Fourier series visualiser, London Underground status widget, historic London churches map, screen time tracker, app icon maker, meal planner, news reader, and more. Integrated frameworks including MapKit, HealthKit, WidgetKit, SwiftData and FamilyControls. View Portfolio

Swiftlease AI – Agentic AI Estate Agent   Sep 2025

In team of 3, built a personal AI property advisor for renters, letting them find their perfect property without leaving WhatsApp. Built Next.js webapp for estate agents to enter their recommendations.

Asteo AI – Agentic AI Finance Recruiter   Mar – Aug 2025

In team of 4, built an AI job application and CV review platform for finance recruitment. Built Next.js webapp for hiring managers to start and manage job searches.

Jack Finnis Art – Greeting Card Business   2016– 2024

Launched my own online art business selling charity greeting cards. Earnt £9,400 revenue and donated all £3,700 profit to charity. Involved building e-commerce website, designing cards, sourcing materials, and advertising at online Christmas fairs.

FRAMEWORKS

SwiftUI, UIKit, RealityKit, Flutter, React Native, React, Jetpack Compose, Next.js

LINKS

[LinkedIn](), [YouTube](), [GitHub](), [App Store]()