

Alexander Pattullo London, UK

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PROFESSIONAL SUMMARY

Computer Science undergraduate at Newcastle University specialising in Cyber Security. Recently completed a Cloud Consulting internship at a Google Cloud Partner. Alongside university, built and operate my own online gaming business supporting 12,000+ monthly users, with hands-on experience across backend development and production infrastructure.

EDUCATION

Newcastle University - (BSc) Computer Science (Cyber Security) **2024 – 2027**

On Track for First-Class Honours - (Year 1): **81%** | (Year 2): **78.5%**

Relevant Modules: Design & Architecture (84%), Security Programming (91%), Algorithm Design & Analysis (88%), Software System Design & Implementation (85%)

Epsom College - A Levels: Computer Science (A), Economics (A), Maths (C) **2022 – 2024**

Tonbridge School - GCSE(s): 1 (9), 5 (8's), 4 (7's) **2019 – 2022**

WORK EXPERIENCE

Cloud Consultant (Summer Intern) **2026 (July-August)**

GO Reply (Google Cloud Partner) London

- Developed an **agentic AI proposal generator** using React, FastAPI and **Google ADK**, automating PowerPoint generation to streamline the pre-sales process.
- Built a **hybrid search platform** for historic projects, combining BigQuery ML vector embeddings with weighted keyword search to support public-sector bids.
- Conducted stakeholder interviews and workshops** to gather requirements and refine solutions, before presenting both projects to **30+ colleagues and senior leadership**.
- Deployed applications to **GCP** using Docker and GitHub Actions, implementing **CI/CD** pipelines for automated testing and deployment.

Owner/Operator **2022 – Present**

Limited Rust Servers Remote

- Operate a gaming network supporting **12,000+** monthly users and peaks of **900+** concurrent users across three communities, combining technical ownership with commercial experience.
- Developed a server management system **automating the server lifecycle**, including wipes and player-driven map voting, reducing manual intervention.
- Manage production **VPS and dedicated server** infrastructure using **Linux, Docker, Nginx, Cloudflare, Grafana, Prometheus and Coolify**, including deployment, monitoring and troubleshooting.

Freelance Python Developer **2022 – Present**

- Sold **ready-to-deploy applications** through Codefling.com, generating **£2,500+ in sales**.
- Built an invoicing system for a small freelancing agency using the **Stripe API**, managing **€15,000+** in projects.
- Developed **REST APIs** using **FastAPI** and automation systems for online gaming communities and small clients, including abuse prevention, staff management and community engagement tools.

Product Reviewer/Curator **2025 – 2026**

Codefling.com Remote

- Reviewed Python applications for quality, security and functionality before marketplace approval, providing technical feedback to developers.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML/CSS

Cloud & Infrastructure: Google Cloud, Linux, Docker, Nginx, Cloudflare, Coolify

Data & Backend: FastAPI, PostgreSQL, MongoDB, BigQuery

Tools: Git, GitHub Actions, Grafana, Prometheus, Google ADK, MCP

CERTIFICATIONS

Generative AI Leader - Google Cloud

CJCA - Hack The Box Junior Cyber Security Associate (In Progress)

CISI Level 2 - Chartered Institute for Securities & Investment

OTHER EXPERIENCE

Front of House

2026 (July)

Wimbledon (The Championships)

London

- Helped deliver **3,000+** meals daily. Operated tills, served customers, replenished stock and maintained efficient service in a fast-paced environment.

VIP Meet & Greet

2025 Summer

Spirit1 Events

London

- Worked at Twickenham stadium, delivering VIP meet & greet experiences and looking after guests in hospitality private boxes to enhance their event experience.

Volunteer

2023 (June-July)

Projects Abroad

Koh Tao, Thailand

- Diving/Coral Reef Conservation Project, managed beach cleanups and ran microplastic surveys.