



# NED GROOM

## EDUCATION

### Computer Science BA (Hons)

University of Cambridge, Pembroke College, 2019 – 2023

- We received our foundations in the full stack of Computer Science: from Digital Electronics, Operating Systems, and Compiler Construction, to Object Oriented Programming, Advanced Algorithms, Computation Theory and Computer Networking.
- More recently I have completed modules in Quantum Computing, Cryptography, Deep Neural Networks, and Bioinformatics.

### Winchester College, 2013 – 2018

- **4 Pre-Us (A-Level equiv.):** D1 (**A\*\***) in Maths and Physics, D2 (**A\***) in Further Maths and French
- **10 A\*s at GCSE:** English, Mathematics, Physics, Biology, Chemistry, French, German, Russian, Latin, Greek

## WORK EXPERIENCE

### Amazon UK Services Ltd, Software Development Intern

June – September 2021

- I designed and created a series of apps for design of fulfilment centres, tracking construction progress / issues, and supply chain management.
- I was a vital part of a new team, which needed various education in sustainable working practices. I documented and designed a new version control protocol, and redesigned their database structure.
- I also responded to and diagnosed in-app customer issue tickets.

### Tech Camp Ltd, Camp Manager

Summers of 2018 and 2019, Easter 2019

- Tutor responsible for teaching a python-robotics 'Robowars' course to 8 children (aged 8 – 16) per week using BBC micro:bit microcontrollers.

### Family Ski Company, Chalet Host / Chef

Winter Season 2018/19

- As morning host, I was in charge of preparing breakfasts and afternoon tea for the chalet of up to 13 guests, and cleaning and maintaining the chalet to professional standard.

**5 months as waiter at a local restaurant, and various stints with catering companies serving weddings and professional silver service.**

## SKILLS

- Passionate, quick learner, dedicated, and a hard worker
- Organised personal and work life, so can keep track of multiple business interests working on different projects with dynamic priorities
- Leadership and coordination/teaching skills developed in 4 years of army cadets

High experience: Java, Python, C++, Git, Matplotlib, LaTeX

Mid experience: ReactJS, NodeJS, C#, HTML, CSS, PHP, JS, SQL, Unity

Academic experience: OCaml, C, Neo4j

## PROFILE

I have just completed my Computer Science BA (Hons) degree at the University of Cambridge, and am looking for work.

I have moved to Kyoto, Japan, in September 2023, and I intend on getting my software career started. I am open-minded and keen to dive into any learning opportunities.

My particular interests lie in:

Fintech, backend/cloud infrastructure, product development, renewables technology, game design, AI, aerospace/EV engineering, security systems, robotics, intelligent/quantum algorithms.

I am now pursuing online certifications to develop some more practical skills, starting with AWS. Happily accepting recommendations for skills you want me to have!

## CONTACT

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GITHUB / LINKEDIN:

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## EXTRA-CURRICULAR

Compete at national archery competitions,  
Bob Ross imitation oil painting,  
Gym and marathon training,  
Cooking and baking,  
Reading on my Kindle,  
Road trips, travel, sightseeing.

Fluent in English and French, basic Spanish, German and Russian. I am starting now to learn Japanese!