



PROFILE

Last Summer I completed my Computer Science BA (Hons) degree at the University of Cambridge.

As a gap year I have been living in Kyoto, Japan, following my lifelong admiration for the country and its culture. In Japan I have been teaching online English language classes, travelling, snowboarding, and training myself in further computing skills.

I have done courses in various AWS configurations, and am pursuing a blockchain developer certification. I have also recently been learning Unreal Engine 5, Go with various APIs, and Rust. Happily accepting recommendations for skills you want me to add to my toolbox!

My particular interests lie in:
Fintech, backend/cloud infrastructure, product development, renewables technology, AI, game design, aerospace/EV engineering and simulation, security systems, robotics, intelligent/quantum algorithms.

CONTACT

British citizen, DOB: 18.04.2000
(UK +44) 07562950286
ngroom42@gmail.com, egag2@cantab.ac.uk

github.com/NedGroom
linkedin.com/in/ned-groom-b52b8b113

EXTRA-CURRICULAR

Competing at national archery competitions,
Skiing and snowboarding,
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, decent Spanish,
very basic German, Russian, Hindi.

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, Compiler Construction, and Object Oriented Programming, to Advanced Algorithms, Computer Networking, Computation Theory, and Bioinformatics.
- More recently I have completed modules in Quantum Computing, Cryptography, Machine Learning, and Deep Neural Networks.

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

Preply, English TEFL teacher

October 2023 – present

- I design lesson plans and help 30 students one-on-one on their journey to speaking and understanding English.

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 foundations 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 breakfasts and afternoon tea for my chalet of 13 guests, and maintaining the chalet to professional standard.

6 months as waiter at a local restaurant, and silver service catering.

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 5 years of army cadets

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

Mid experience: JS, React, NodeJS, HTML, CSS, PHP, SQL, GraphQL,
Unreal Engine 5, Go, AWS, Rust, C#, Solidity

Academic experience: OCaml, C, MongoDB, Docker