Stefan Dixon Leung

First Year Computer Science at the University of Bristol

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EXPERIENCE

Natwest Group PLC, Software Engineering Work Placement

SUMMER 2023

Embedded with engineering teams at a major UK bank to observe full-cycle software development.

Fulham Library Coding Club, Founder & Lead Instructor

NOVEMBER 2022 - MAY 2025

Designed a curriculum for ages 7–14 (Blockly, Scratch, Python, web dev); recruited and trained a teaching partner to double class capacity.

Private Tutor, Fulham, London

JANUARY 2023 - MAY 2025

Tutored junior and lower-senior school students in mathematics, science, French, and programming fundamentals.

EDUCATION

University of Bristol — *MEng Computer Science, First Year*

SEPTEMBER 2025 - PRESENT

Object-Oriented Programming, Functional and Imperative Programming, Software Tools, Discrete Mathematics, Algorithms, Computer Architecture.

Lycée Francais Charles de Gaulle, London — *Baccalauréat*

SEPTEMBER 2022 - JUNE 2025

Baccalauréat — Mention Très Bien · Specialisms: Computer Science (NSI), Mathematics, Physics & Chemistry, Further Mathematics option.

Lycée Francais de San Francisco — *Brevet des Collèges*

SEPTEMBER 20094: - JUNE 2022

Brevet des Collèges: Mention Très Bien. Preschool to Year 10.

PROJECTS

ESP32 Embedded Display Project — *using C++ and Fusion360*

Built firmware for an ESP32 driving a 320×240 LCD using Claude Code; designed and 3D-printed a custom enclosure. clarity.00start.com

Outdoorsy — *SvelteKit · Cloudflare Pages/R2/D1*

Web and native app for planning and tracking outdoor trips; built with Claude Code on a Cloudflare-backed stack. outdoorsy.pages.dev

AWARDS

Concours Algoréa: 5th of 15,183 in 2024 and 15th of 56,559 in 2019 competitors (French international algorithmic championships).

Concours Castor: 1st in school in both 2024 and 2019 (Concours Algorea Qualifier).

CoderZ League international robotics: led school team to 16th place in 2022.

Duke of Edinburgh: Gold Award in 2025 and Silver Award in 2024.

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C/C++, HTML, CSS

Frameworks: SvelteKit, Tailwind CSS, Node.js, REST APIs, Maven

AI & Data: PyTorch, TensorFlow, Jupyter

Hardware: ESP32, Adafruit, Fusion 360, CircuitPython, Lego Mindstorms

Tools: Git, Claude Code, Linux, macOS, Windows, SQL

OTHER

Bilingual English and French
A2/B1 in German
RYA Sailing Level 3
RYA Powerboating Level 2
Acoustic and electric guitar
Skiing, Cycling
Rock climbing, Rowing.