

## AREAS OF INTERESTS

Information Technology, Networks, Web and Software Development, JavaScript, HTML, CSS, Databases, IOT, User Experience, AI and Robotics, OOD, Responsible Computing and the ethical implications of AI in today's modern world.

## TECHNICAL SKILLS

<b>Languages:</b>	JavaScript, Python, HTML, CSS
<b>Skills and Tools:</b>	High quality customer IT support, AV Maintenance, Helpdesk Software, Documentation and Command-line Skills, MERN Full-stack and NEXT JS Development, Web Design, Networking, Database Management, Data Analysis, Cybersecurity, Physical Computing - Robotics. First-class Communication, Patience, Organisation, Leadership, Creativity, Flexibility, Multi-tasking, Collaboration, Adaptability, Problem-solving, Time-management, and fluent in English and French.

## EDUCATION

University of Herefordshire - Hatfield, UK  
BSc Computer Science - to be completed in 2025

Tech Educators - Cambridge, UK  
MERN, NEXT JS Full-Stack Coding Bootcamp - completed December 2023

University of London (Birkbeck) - London, UK  
DipHE in French Studies - Distinction

## EXPERIENCE

**INSTRUCTOR OF CODING**  
**WINDERMERE SCHOOL, WINDERMERE**  
**JUNE 2023 - AUGUST 2023 (0.3YR)**

*Outline:* As an instructor for a coding class in summer school.

Key Responsibilities:

- **Facilitating Learning:** Conducted engaging lectures, workshops, and hands-on coding sessions. Fostered a collaborative and participatory learning environment.
- **Guiding Technology Understanding:** Ensured students grasped the fundamentals of technologies HTML, CSS, JavaScript and Python.
- **Overseeing Project Development:** Supervised students as they worked on full-stack projects, integrating various technologies into cohesive applications.
- **Developing Problem-Solving Skills:** Designed coding challenges and problem-solving exercises to enhance students' skills. Assisted students in debugging and troubleshooting issues.
- **Promoting Coding Standards:** Emphasised coding standards and best practices to ensure students produced clean, maintainable code. Encouraged adherence to industry conventions and guidelines.
- **Project Management Guidance:** Provided guidance on project management, helping students organise tasks. Assisted in breaking down complex projects into manageable tasks.

- **Reviewing Portfolios:** Reviewed and provided feedback on student portfolios showcasing their projects and skills. Offered insights on how to present accomplishments effectively.

**TEACHER OF ICT AND IB AND IGCSE EXAM OFFICER ASSISTANT  
WINDERMERE SCHOOL, WINDERMERE  
SEPTEMBER 2022 - 2023 (1YR)**

*Outline:* Responsible for creating, delivering, reassessing a full scheme of work and curriculum for KS2, KS3 for every pupil. Additionally responsible for the organisation and timetabling for the IB and IGCSE mock exams.

*Key Responsibilities:*

- **Curriculum Delivery:** Designed and delivered KS2, KS3 lessons in ICT, covering topics such as computer hardware, software, programming, and information systems. Ensured alignment with educational standards and objectives.
- **Assessment and Grading:** Created and administered assessments to evaluate students' understanding of ICT concepts. Graded assignments, projects, and exams promptly, providing constructive feedback.
- **Technology Integration:** Integrated technology tools and resources into lessons to enhance the learning experience. Encouraged students to apply ICT skills in various subject areas.
- **Providing Technical Support:** Assisted students and staff with technical issues related to computers, software, and other ICT resources. Collaborated with IT staff to resolve more complex technical challenges.
- **Test Preparation:** Assisted in preparing students for ICT-related tests, ensuring they were familiar with test formats and content. Conducted test review sessions to address questions and reinforce key concepts.
- **Exam Administration:** Supported the Exam Officer in coordinating exam logistics, including scheduling, room assignments, and seating arrangements. Ensured a smooth and secure exam process, following established protocols.
- **Data Management:** Maintained accurate records of students' exam results, attendance, and other relevant information. Used databases and spreadsheets to organise and analyse data.
- **Communication with Stakeholders:** Communicated effectively with students, parents, and colleagues regarding ICT coursework, tests, and student progress. Collaborated with the Exam Officer to disseminate important information related to exams.

**IT TECHNICIAN  
WINDERMERE SCHOOL, WINDERMERE  
JANUARY 2021 - SEPTEMBER 2022 (1.8YRS)**

*Outline:* Responsible for diagnosing computer hardware and software issues, setting up computer networks and assisting teachers and students with IT-related problems.

*Key Responsibilities:*

- **First Point of Contact for Students:** Acted as the primary point of contact for students seeking technical support. Addressed inquiries, resolved issues, and provided guidance on IT-related matters.
- **Uploading Security Certificates:** Uploaded and managed security certificates for both students and staff. Ensured the secure and proper implementation of security measures.
- **AV Maintenance:** Conducted maintenance of audio-visual (AV) equipment, including projectors, sound systems, and presentation tools. Ensured the optimal functioning of AV resources for educational purposes.

- **Checking and Maintaining Computer Hardware:** Conducted regular checks and maintenance on computer hardware, including mice, keyboards, and other peripherals. Addressed issues promptly and performed necessary repairs or replacements.
- **Assisting in Training and Development:** Assisted in planning and delivering training sessions for students on new software and hardware. Contributed to the development of educational materials and resources.
- **Troubleshooting and Problem Resolution:** Conducted thorough troubleshooting to identify and resolve technical problems in a timely manner. Employed effective problem-solving strategies to minimise disruptions.
- **Record keeping:** Maintained detailed records and logs of repairs, fixes, and troubleshooting activities. Documented resolutions and communicated them to relevant stakeholders.
- **Reprographics Maintenance:** Repaired and monitored reprographic equipment, such as printers and copiers. Ensured the reliable functioning of reprographic resources

#### HEAD OF PROGRAMMING

ÉCOLE FRANÇAIS DE LONDRES JACQUES PRÉVERT, LONDON

SEPTEMBER 2012 - 2021 (8.10YRS)

*Outline:* Responsible for creating, delivering, reassessing a full scheme of work and curriculum for KS2, KS3. Accountable for training other teachers to deliver high quality engaging lessons with purpose. In charge of finding new pedagogic technologies for teaching programming, logical reasoning, computational thinking, robotics and more.

Key Responsibilities:

- **Curriculum Development and Delivery:** Created, delivered, and reassessed a comprehensive scheme of work and curriculum for KS2 and KS3, ensuring alignment with educational standards and objectives. Designed engaging and purposeful lessons that fostered a deep understanding of programming, logical reasoning, computational thinking, robotics, and related subjects.
- **Introduction of Pedagogic Technologies:** Spearheaded efforts to find and integrate new pedagogic technologies for teaching programming, logical reasoning, and computational thinking. Explored innovative tools for robotics education, ensuring students had exposure to cutting-edge educational technologies.
- **Staff and Instructor Training Management:** Oversaw the management of staff and instructor training programs, ensuring continuous professional development. Implemented strategies to enhance the skills and expertise of the teaching team.
- **Budgeting and Evaluation:** Managed funds through effective budgeting and evaluation of costs and impact. Ensured responsible use of resources, optimising the educational impact within budget constraints.
- **Technology Integration:** Stayed up-to-date with new technologies to introduce to students in fun and engaging ways. Explored and implemented creative solutions to incorporate emerging technologies into the curriculum.
- **Simplifying Complex Curricula:** Explored creative solutions to simplify and teach complex and challenging curricula without compromising the depth and intricacies of the subjects. Fostered an environment that encouraged critical thinking and problem-solving skills.

#### INTERESTS AND HOBBIES

Design and Architecture - Swimming/Running/Cycling (*Training for my first triathlon scheduled in 2024*) - Reading - Music - Languages - Classical Music