

# Jonathan Albert Cross

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## Objective

Committed and creative full-stack web-developer, with a foundation in MERN and NEXT.js. I am here to make meaningful contributions to cutting-edge web developments, and use the skills gained through Tech Educators' coding bootcamp to create impactful solutions. I am keen to be part of a team that prioritises continuous growth and learning.

## Technical Skills

Languages: HTML | CSS | JavaScript | Python

Frameworks/Tools: MERN Stack | NEXT.js | Git | MongoDB | Express.js | React Node.js | Bootstrap | Typescript | Chart.js | Local Storage | Auth0

## Projects

**Klecks - Personality Analysis Web Application:** Developed as part of a team project, Klecks leverages JavaScript and local storage to create an interactive web application based on the Rorschach inkblot test. Utilising Chart.js, the app "analyses" users' interpretations of inkblots to outline personality types through engaging visualisations. This project showcases JavaScript, Chart.js, HTML and CSS knowledge with collaborative abilities. [Project Link](#)

**The Loop - Community Meetup Platform:** Developed as part of a team project, "The Loop" is a platform aimed at fostering an all-inclusive community for organising tech meetups. Implemented with Auth0 for secure user authentication, enabling members to create, update, and delete their meetup groups. This project underscored my abilities in full-stack development, teamwork, and building community-focused web applications with enhanced security measures. [Project Link](#)

## Professional Experience

### Instructor of Coding

Windermere International Summer School, Windermere, UK (June 2023 - August 2023)

- Spearheaded coding workshops, with 70% of students achieving above-average scores, highlighting effective instruction and engagement.
- Oversaw the development of web-based projects, instilling best practices in coding standards and software design.

### Teacher of ICT & Exam Officer Assistant

Windermere School, Windermere, UK (September 2022 - Present)

- Revamped the ICT curriculum, which was instrumental in streamlining the learning process for KS2 & KS3.

- Successfully coordinated and administered 15 IB and IGCSE exams, ensuring a seamless assessment process.

### **IT Technician**

Windermere School, Windermere (January 2021 - September 2022)

- Enhanced IT service efficiency, reducing average ticket resolution time by 75% for A/V and student-related issues through a proactive hands-on approach.
- Handled an average of 25 IT support requests daily, maintaining high availability and performance of school IT systems.

### **Head of Programming**

École Française de Londres Jacques Prévert, London (September 2012 - 2021)

- Successfully grew the programming curriculum's enrolment from 16 to 203 students over 8 years, demonstrating exceptional programme development and leadership skills.
- Managed a technology resources budget of over £2500, significantly improving the educational technology infrastructure.

## **Education**

### **BSc Computer Science** (Expected 2025)

University of Hertfordshire, Hatfield, UK

### **MERN & NEXT.js Full-Stack Coding Bootcamp** (Completed December 2023)

Tech Educators, Cambridge, UK

### **DipHE in French Studies** - Distinction

University of London (Birkbeck), London, UK

### **First-Aider**

Seren, Islington, UK

### **Professional Development**

Actively engaged in continuous learning through online platforms like Coursera and Udemy, focusing on advanced JavaScript, React, ROS2 and Node.js, NEXT.js 14 courses. Participating in coding challenges and contributing to open-source projects to refine coding skills and stay abreast of industry trends.

**Member of BCS The Chartered Institute for IT** – Membership Number: 995143006

### **Interests**

Passion for technology and its impact on society, dedicated to personal growth through continuous learning and professional development in the field of web development. Sports, French Literature, Philosophy, and Triathlons.