

# Mohammed Alkhalifa

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## Profile

Creative Computing graduate from Goldsmiths, University of London (2025), blending front-end development, artificial intelligence, and physical computing. Experienced in building user-friendly websites and interactive tools with JavaScript, HTML/CSS, and creative libraries like p5.js. Delivered hands-on workshops in physical computing to children, empowering them to explore tech through Arduino and coding. Passionate about developing digital experiences that are both innovative and impactful – especially in education, creative tech, and data-driven design.

## Education

2025/06  
London,  
United Kingdom

**BSc Creative Computing – Goldsmiths, University of London (Graduated: June 2025) Modules: Front-End Web Development, Physical Computing, Machine Learning & AI, UX/UI Design, Data Science Final Year Project: Developed a real-time interactive installation using AI and body tracking to create an immersive audience experience.**

## Professional Experience

**Student Subject Coordinator, Goldsmiths, University of London** (Jan 2025 - Jun 2025) - Acted as liaison between students and faculty, supported curriculum development, and advocated for student concerns.

**Class Representative (Volunteer), Goldsmiths, University of London** (2021 - 2025) - Represented student voices across academic years, participated in departmental meetings, and facilitated communication between students and staff.

**Front-End Projects & Freelance Work** (2023-2025) - Built responsive, interactive web interfaces using HTML5, CSS3, JavaScript, and p5.js. - Designed creative front-end components and collaborated on small-scale educational and art-tech projects

**Physical Computing Workshop Instructor** (2024-2025)—Taught Arduino, sensors, and electronics to children aged 9-14 through hands-on, project-based learning.

**Chemical Plant Operator, Sadara Chemical Company** (Nov 2012 - Nov 2020) - Operated systems in the Ethylene Oxide plant, led teams, ensured safety protocols, and resolved technical issues.

## Skills

### Programming Languages

Proficient in Python, HTML, C++, JavaScript, p5.js, Tone.js, and openFrameworks.

### Project Management

Extensive experience in managing projects, coordinating teams, and leading client communication.

### Professional Skills

- Excellent organizational, multitasking, and communication abilities, with a proven track record of collaboration and teamwork.

**Data Visualization & Analysis** Skilled in visualizing complex datasets and identifying patterns using Python libraries (Matplotlib, Seaborn), Excel, and Tableau.

### Technical Proficiency

Strong command of Microsoft Office, Adobe Creative Suite, and GitHub, with foundational knowledge of financial analysis tools.

## Certificates

### Global AI London

MeetUp (September 2024), Global AI Community

### IEUK 2024

Technology Programme, Bright Network

## We Speak Certificate of Achievement

## Hobbies



Tennis | 🚗 Cars | 🎬 Movies | ✈️ Traveling | 🎨 Creative Practice | 🤖 Machine Learning