

# Julia Szostakiewicz

07415324191 | JULIA@SZOSTAKIEWICZ.CO.UK | MILTON KEYNES | [linkedin.com/in/julia-szos/](https://www.linkedin.com/in/julia-szos/) | <https://github.com/juliaszos>

## Profile

**First-class Computing (Cybersecurity)** graduate, valedictorian and **BCS member** with strong foundations in **AI, deep learning**, and full-stack development. **Led a machine learning-based final year project** achieving 76% partial face recognition accuracy. **Experienced in Python, SQL, Django**, and cross-platform development. A **confident communicator** and **society leader**, eager to contribute technical insight, innovation, and problem-solving skills to a high-impact software or IT engineering team.

## Education

**University of Buckingham - BSc (Hons) Computing [Cybersecurity] | 2022 - 2025**

**First Class with Honours**

Key Modules: AI, Ethical Hacking, OOP, Web Development, Algorithms, Cloud, Forensics. Software Project Management

**Oakgrove School Sixth Form | 2020 – 2022**

A Levels: History (B), Psychology (B), Geography (B)

**Oakgrove School | 2015 – 2020**

GCSE: 7777666555 including **Mathematics (5)** and **English Language (7)**

## Technical Skills

- **Programming Languages:** Python, C++, C#, JavaScript, HTML, CSS, SQL, LUA
- **Libraries:** NumPy, SciPy, Pandas, Matplotlib, TensorFlow, Keras, Dlib, OpenCV
- **Tools & Technologies:** GitHub, MS Office, Django, Anaconda, MacOS, Ubuntu, Kali, Arduino, Unity, Jupyter
- **Databases:** MySQL, Oracle, MongoDB
- **Languages:** English (native), Polish (native)
- **Certifications:** ISC2 Certified in Cybersecurity (CC) - in progress

## Projects

**PARTIAL FACE RECOGNITION USING DEEP LEARNING ARCHITECTURES (FINAL YEAR PROJECT) | Jan, 2024 – Oct, 2024**

Built a face recognition model using VGG-16 trained on LFW and PartialLFW datasets

Achieved 95% accuracy for full face recognition and 86% for partial

Developed with Python in Jupyter using TensorFlow, Keras, OpenCV; environment managed with Anaconda

Wrote 50-page final report and delivered multiple presentations to supervisor; grade: 74

**STARGAZING WEBSITE DEVELOPMENT USING DJANGO FRAMEWORK | July, 2024 – Sept, 2024**

Developed a responsive full-stack web app with SSO, dynamic search (AJAX), and geolocation features

Integrated secure login, cookies, and an interactive map of stargazing sites.

Scored 87/100 in Advanced Web Applications Development module.

## Work Experience

**CODE NINJAS - CODE SENSEI | Apr, 2021 – Apr, 2023**

- Taught JavaScript, LUA, and C# to students aged 5–14 using hands-on projects
- Led sessions on Arduino and game development, and introduced Ubuntu OS in lab environments
- Created educational resources and led 1:1 and group instruction

**THE PBOOTH COMPANY - EVENT ASSISTANT | Apr, 2023 – Present**

- Built, configured, and troubleshooted photobooths at high-pressure live events
- Troubleshooted technical issues involving cameras, printers, and embedded software in real time

**ELLIS BRIGHAM MOUNTAIN SPORTS, SKI TECHNICIAN | Oct, 2023 – Apr, 2024**

- Conducted client consultations and customised ski gear using precision tools
- Operated specialised equipment under high-pressure seasonal conditions

**ESQUIRES COFFEE, BARISTA | Apr, 2024– Sep, 2024**

- Oversaw solo shift operations and upgraded the digital music system for enhanced customer experience

#### **OLIVE TREE MEDITERRANEAN RESTAURANT, FOOD RUNNER | Feb, 2020 – Oct, 2020**

- Maintained fast-paced table service, handled orders, and supported front-of-house team

### **Leadership & Achievements**

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#### **PRESIDENT OF COMPUTER SCIENCE SOCIETY | Aug, 2023 – Aug, 2024**

- Organised tech-focused events, CTF challenges, and interactive puzzle hunts
- Doubled society membership and increased student engagement through strategic outreach

#### **STUDENT AMBASSADOR | Jan, 2023 – Dec, 2024**

- Represented university at open days and STEM outreach events with the Dean of Computing

#### **THE LILLINGSTONE TRUST SCHOLARSHIP RECIPIENT | Sept, 2022 – Dec, 2024**

- Secured a £13,000 scholarship based on academic merit and financial need

#### **STUDENT COUNCIL REPRESENTATIVE | Sept, 2020 – July, 2021**

- Advocated for policy changes and led discussions on behalf of peers to improve student experience