

Eduard Cojocaru

An enthusiastic and goal-driven second year student of BSc Computer Science at Middlesex University with a keen interest in the Software Engineering industry. Skilled in languages and frameworks such as Python, JavaScript, Java, Flask and Node.js with experience building websites and robotic systems. Professionally experienced as a Computer Science tutor with knowledge of teaching programming languages to individuals.

EDUCATION

Middlesex University, BSc Computer Science

Sep 2024 - Jun 2027

Notable modules:

- **Object-oriented programming**
- **Web apps and Databases**
- **Systems and Architecture**

Barking and Dagenham College

Sep 2022 - Jun 2024

T-Level Level 3 Digital Production, Design and Development (Merit)

Marshall's Park Academy

Sep 2017 - Jun 2022

English Language - B | English Literature - B | Maths - B | C.S - A*

TECHNICAL SKILLS

Front-end development - Able to use HTML/CSS with JavaScript to create professional websites.

Backend development - Can use Java, Python, C++, JavaScript (Node.js, Express), and MongoDB.

Data management - Familiar with Numpy and Matplotlib for displaying and manipulating data.

Other - Familiar with the terminal on many operating systems and using Git to store and manage projects.

KEY SKILLS

Problem solving - Finding practical solutions to problems during software and hardware development.

Communication - Clear communication with colleagues, managers and customers to make sure tasks and expectations are met.

Teamwork - Working effectively with various groups across projects, competitions, volunteering and work to support the team and achieve our goals.

Time management - Being punctual and managing my work effectively to meet deadlines at work, university and projects.

PROJECTS

Robot tank vehicle | github.com/MrEdDud/robot-tank

Designed and built a small vehicle using CAD and components such as a Raspberry Pi 5, and programmed its logic using Python and Flask.

Solitaire website | github.com/MrEdDud/solitaire-website

Developed a solitaire website using Javascript where users can login/register and have their scores added to the leaderboards.

Social Media website | Still being worked on

Developing a social media website using Node.js with Express and MongoDB for my backend and database with a functioning user interaction system.

Linux laptop | github.com/MrEdDud/ArchLinuxLaptop

Installed Arch Linux on my laptop, troubleshooting issues with drivers, audio, and Wi-Fi, managing packages using pacman and the AUR, and learning core OS fundamentals.

RELEVANT WORK EXPERIENCE

Computer Science Tutor | 11 months | London | Nov 2023 - Sep 2024

- Guided students through building a Python game using Pygame, improving their coding confidence.
- Taught core programming concepts and supported them through practical exercises.
- Taught my students how to troubleshoot and debug errors effectively.

Technologies: Python, Pygame, Microsoft Word

OTHER WORK EXPERIENCE

Tesco Colleague | 7 months | London | Christmas 2024 & Jul 2025 - Dec 2025

- Managed my time effectively to meet task deadlines and adapt to other roles when needed.
- Helped customers with any issues and resolved them politely and quickly.
- Worked closely with my team to complete daily tasks efficiently.

Skills: Time management, Teamwork, Customer service, Adaptability

Mango Studios Industrial Placement | 5 months | London | Nov 2023 - Apr 2024

- Communicating with potential clients to present and promote the company's products.
- Installing and troubleshooting hardware devices for increasing team productivity.
- Led my team to complete our task on time and meet the project's requirements.

Skills: Communication, Teamwork, Adaptability

VOLUNTEERING/COMPETITIONS

New Scientists Live Volunteer | 1 day | London Excel | Oct 2025

- Spoke with attendees and answered various questions throughout the event.
- Explained simple computer science concepts to visitors of all ages.
- Helped debug issues with the robot arms during demonstrations.

Technologies: Niryo robot arms

World Skills Competition | 1 week | London | Apr 2023

- Developed practical IT and cybersecurity skills in a fast-paced, problem-solving competition.
- Configured drive partitions and other system configurations using virtual environments.
- Used the terminal to modify, test and debug different files.

Technologies: Virtual machines, Terminal

AWS Project | 4 months | London | Nov 2022 - Mar 2023

- Communicate effectively with the team to design and deliver a working prototype.
- Conducted various tests and debugging to ensure functionality for the prototype.
- Researched new technologies and implemented innovative solutions.

Technologies: Unity, C#, Powerpoint

REFERENCES AVAILABLE UPON REQUEST