

# 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

<b>Middlesex University, BSc Computer Science</b>	<b>Sep 2024 - Jun 2027</b>
Notable modules:	
<ul style="list-style-type: none"><li>- Object-oriented programming</li><li>- Web apps and Databases</li><li>- Systems and Architecture</li></ul>	
<b>Barking and Dagenham College</b>	<b>Sep 2022 - Jun 2024</b>
T-Level Level 3 Digital Production, Design and Development (Merit)	
<b>Marshalls Park Academy</b>	<b>Sep 2017 - Jun 2022</b>
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](https://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](https://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](https://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**

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## **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**

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## **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**