

Mr. Laurentiu-Cristian Miscoci

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Summary

- Very good understanding of **Java**, **Python** and beginner-level in **C++**, using these tools to complete various projects.
- Experience in **full stack development**, individually or as part of a team, using tools such as **HTML**, **React**, **CSS**, **JavaScript**, **Spring Boot**, **MySQL**
- Able to use libraries such as **WindowBuilder in Java** and **PyGame**, **tkinter** and **pandas in Python**
- Knowledge on using tools such as **SPSS**, gained during my first year of university and able to use **Microsoft Office** – Word, Excel, PowerPoint, as well as **video editing software**
- Very good understanding of **object-oriented programming** and **software development methodologies** such as **Scrum**, **Waterfall**, etc.
- An effective **problem solver** who can **think logically** as demonstrated in my programming modules at university, ensuring **critical thinking** is followed when writing **clean and effective code**
- Great **teamworking and communication** skills, developed through **working in a group setting** for various projects and in my part-time roles

Education

Brunel University, Uxbridge, Middlesex
BSc (Hons) Computer Science

Sept. 2021 to Present

Year Two Modules

Year 2 Group Project
Usability Engineering
Algorithms and their Applications
Software Development and Management
Networks and Operating Systems

Year One Modules

Data and Information (A+)
Introductory Programming (A*)
Logic and Computation (A+)
Information Systems and Organisations (A)

Rooks Heath College, Eastcote Ln, Harrow
A-Levels

Sept. 2019 to June 2021

Computer Science (A)
Mathematics (B)
Physics (B)

Rooks Heath College, Eastcote Ln, Harrow
GCSEs

Feb. 2019 to June 2019

English Language (6)
Combined Science (5-5)
Mathematics (5)

Project Work

Game Development: Computer game created in **Python** using libraries such as **Pygame** and **pandas**.

- Learned how to make use of the **Pygame** and **pandas** libraries in Python
- **Documented the whole development** process from **Analysis** to **Maintenance**
- **Researched** similar games from **the same genre** to see what features the **users liked or disliked**
- Created a **GUI** by only using **object-oriented programming**
- The game features **multiple levels** with **enemies that attack the player when in range**, **buffs and special abilities** as well as a **High Score system** that shows the top 5 performances on that machine

Hackathon: Created a Safe-Drinking app written in **Java** for **AstonHack 2021** with a **time limit of 24 hours**.

- Worked as **part of a team**, assisting my group with their tasks whilst working in a **fast-paced environment**
- the deadline for the project was **incredibly short**, which taught me the importance of **planning and organising** my work when **working to tight deadlines and under pressure**
- Researched the **effects of alcohol on the human body**, and how **weight and other physical attributes** affect a person's **resistance to alcohol**
- Made use of the **WindowBuilder** library for **Java** to create the app
- Implemented **multiple features such as dropdown lists**, to allow for easier input of information, as well as a **graphical indicator** that displays information about how much more it would be safe to drink
- This information was displayed in the form of a **glass that fills up the more a person consumes alcohol**

Other Projects:

- Developed an **interactive and dynamic airplane seating plan system** coded in **Java**, for my **First-Year Group Project module**
- Created a Calculator app in **Java** as part of my university course

Relevant Work Experience

Brunel University London, Uxbridge, Middlesex
Associate Teaching Assistant

Sept. 2022 to Present

Currently employed as an **Associate Teaching Assistant** for the **Computer Science Department** at **Brunel University London**. This job gave me an opportunity to:

- Develop my **teaching and verbal communication skills**, helping the students with any questions they might have regarding the module at hand
- Show **good time management and punctuality**, by always being on time for work
- **Adapt my teaching methods**, instructing students **in a way** that **suits them best**
- Demonstrate **teamwork skills**, working as part of a team of assistants and lecturers

Interests

I enjoy sports, my favourite being **Volleyball**; I like **acting and theatre plays**, having participated in them for 8 years of my life. I am also an extremely curious individual which led to a big interest in **Physics and Sciences** in general, but **Computer Science** is my favourite out of all of them. This led to me also joining the Tech Society at my University, in which I helped run **Hack Brunel V2**. I have recently also started **learning to play the piano** in my spare time.

References

Available on request