

RADU-STEFAN POPOVICI

Computer Science Student

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EDUCATION

MEng Computer Science The University of Manchester

- Sept 2021 – Ongoing Manchester, UK
- First year mark: First-Class honour
 - Won 1st place in the GreatUniHack 2022 by developing an algorithm that tracks the movement of the balls on a pool table from a video using Python OpenCv.
 - Developed at the GreatUniHack-2021 a Random Tree Classification machine learning model that estimates the average time taken for a given customer to get from an airport to their car rental, using libraries such as TensorFlow and sklearn.
 - Worked on a University accommodation review website using the Django Python framework and other technologies such as HTML5, CSS3, JavaScript, and MySQL.
 - Coded an email spam detector using Naive Bayes filtering and a k-NN classification model.

MSci Computer Science (with Industrial Experience) Lancaster University

- Sept 2020 – July 2021 Lancaster, UK
- First year average of 91.52%.
 - Developed a board game named “Cache Noisettes” in Java and the retro game “Asteroids” using the C language.

Mathematics and Computer Science Nicolae Iorga Highschool

Sept 2016 – July 2020 Bucharest, Romania

EXPERIENCE

Special Telecommunication Service - STS Bootcamp

- August 2022 Bucharest, Romania
- Had the opportunity to observe for 1 week how a government institution with a military status runs and coordinates the activities in the field of technology - secure communication, cryptography, and distributed systems.

Optiver Insight Days

- April 2022 Online
- Coded a trading bot that uses quantitative analysis and mathematical models to analyze the change in price and volume of a given stock on different exchanges.

POSITIONS OF RESPONSIBILITY

Events team member - workshop coordinator The University of Manchester – Computer science society

- Organized beginner and advance Python workshops for students.

Student Representative The University of Manchester – SSLC

- Played a major role in developing and strengthening my leadership, communication, and problem-solving skills.

Student Representative Lancaster University – School of Computing and Communication

- Improved the teaching quality by approximately 6% compared to previous years by introducing monthly anonymous "teaching quality" surveys.

TECHNICAL SKILLS

Advanced:

HTML5 UI/UX Git



Intermediate:


Algorithms and Data Structures
JavaScript C Python
CSS3 (SASS)


Beginner:

Java PHP mySQL

CERTIFICATES AND AWARDS

-  **Baccalaureate Diploma:**
Overall Grade: 9.70
-  **Professional Competence Certificate – Level 4: Overall Grade: 9.91 (Pass)**

 **European/International Computer Driving Licence**
Modules Passed: Computer Essentials, Online, Word Processing, Spreadsheets, Using Databases.

 **GreatUniHack 2022 – 1st Place**
Overall event and bet365 challenge

 **CAE Certificate: Level C1**

LANGUAGES

English Romanian Spanish

INTERESTS

- Computer science Society
Events Team member
- Data science Society
Member
- Robotics Society
Member

A.I. Computer Graphics
Architecture Drawing