

Jozsef Gergely Hornyak

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Personal Profile & Motivation

A motivated and enthusiastic MSc (integrated) Computer Science student at Coventry University. Highly effective and adaptive communicator with excellent problem-solving skills. Thorough understanding of programming languages, and applications. Currently seeking a **'Year in Industry' student placement** opportunity in the field of software development and/or AI as a part of university roadmap, in the form of a 'sandwich' year from May '23, also interested in shorter, summer one.

Professional Skills

- Programming in Python (Tensorflow, Scikit learn, NLTK), C++, CSS, SQL, R, HTML, and MATLAB
- Data Analysis
- Content creation / design
- Software Platforms: Visual Studio (Code), Padlet, Notion, GitHub, Microsoft 365 products, and Jupyter

Interpersonal Skills

- Team worker
- Proactive Communication
- Problem Solving
- Reliable and disciplined

Education & Qualifications

April to July 2022	Digital Marketing Bootcamp – Resume Foundation organization An intensive course which gave knowledge on influencing online consumer behaviors and on macro, micro marketing, and search engine optimisation.
September 2020 to May 2025	Integrated Master of Science in Computer Science – Coventry University Beyond my regular classes: https://www.coventry.ac.uk/course-structure/ug/eec/computer-science-mscibsc-hons/ I highlight Software Engineering, Advanced Algorithms, Big Data project and Presentation skills as preferred areas. I also took part in multiple activity led learning projects including the creation of a chatbot in Python using web scraping, and a random map generation in a text based CPP adventure game.
2015 to 2020	Radnoti Miklos Secondary Grammar School – Hungary Mathematics, IT, and English language – GSCE, A levels

Project Experience

December 2021	Key Participant – Collaborative Online International Learning (COIL) project <ul style="list-style-type: none">• Machine Learning using Jupyter (Python) scikit-learn module• Polishing database• Teaching, testing and fitting models• Evaluating outcomes from non-similar models with different artificial neural network structures
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- November 2020**
- Team Member – Chatbot University Project
 - Web scraping with Python Beautiful Soup Module
 - Database management with SQL
 - Used NLTK package to recognize language

Other Work Experience

- September 2021-currently**
- Student Ambassador – Coventry University
 - Guided and assisted visitors across several university open days
 - Presenting positive aspects of the university alongside my experience

- June 2022 – currently**
- Application localization
 - Escape the Boom (<https://escape-the-boom.com/>)

- September 2022 - currently**
- Student Proctor (Lecture Support) - Coventry University
 - Attending lectures and assisting students to support lecturers

Additional skills

- Languages: Hungarian(native), English (fluent - IELTS 7), German and Spanish (beginner)
- Driving license

Interests and Activities:

- Regular volunteering at Racehorse Rescue Centre charity
- Gym and fitness
- Video/indie games
- Travelling, sightseeing