# Jozsef Gergely Hornyak

#### Computer Science student

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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++, SQL, R, HTML, and MATLAB,
* Data Analysis,
* Content creation and design,
* Software Platforms: Visual Studio (Code), Notion, Github, Microsoft365 products, Python Notebook, GitHub Desktop

### Interpersonal Skills:

* Team worker
* Proactive communication
* Problem Solving
* Reliable and Disciplined

## Education & Qualifications

#### Digital Marketing Bootcamp – Resume Foundation Organisation

*April 2022 - July 2022*

An intensive course which gave knowledge on influencing online consumer behaviors and on macro, micro marketing, and search engine optimisation.

#### Integrated Master of Science in Computer Science – Coventry University

*2020 - 2025*

Some modules I have covered during include Software Engineering, Advanced Algorithms, a Big Data project and Presentation skills. I took part in multiple activity-led-learning projects including the creation of a chatbot in Python using web scraping, random map generation in a text based CPP adventure game.*More on: https://www.coventry.ac.uk/course-structure/ug/eec/computer-science-mscibsc-hons/*|

#### Radnoti Miklos Secondary Grammar School – Hungary

*2015 - 2020*

Mathemetics and Science GCSE – **A level**English language and IT GSCE – **A level**

## Relevant Project Experience

#### Project Owner - Preparation Works for Final Year Project

*January - April 2023*

#### Key Participant – Collaborative Online International Learning (COIL) Project

*December 2021*

Machine Learning using Jupyter (Python) scikit-learn module Polishing databaseTeaching, testing and fitting modelsEvaluating outcomes from non-similar models with different artificial neural network structures

#### Team Member – University Chatbot Project

*November 2020*

Webscraping with Python Beautiful Soup Module Database management with SQL Used NLTK package to recognise language

## Other Work Experience

#### Student Ambassador – Coventry University

*Since September 2021*

Guided and assisted visitors the university across several open days Presenting positive aspects of the university alongside my own experience

#### Application localization

*Summer 2022*

Escape the Boom (https://escape-the-boom.com/)

#### Student Proctor (Lecture Support) - Coventry University

*Since September 2022*

Attending lectures and supporting itAssisting the students besides the lecturer

## Additional skills

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

## Interests and Activities

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