

Hamza Abdullah

Ul. Rostafińskiego
4 30-072
Kraków
+48 572 672 385
hamzaab25@gmail.com
<https://github.com/killua173>

EDUCATION

Toros university, Turkey— *Software engineering*

MONTH 2021 - MONTH 2025,
.

AGH University, Poland— computer science

MONTH 2024 - MONTH 2024

PROJECTS

Project Name — Detail

1. **Script-for-Auto-Task-AI-Voice**
 - Developed a Python script for automating repetitive tasks using AI voice commands.
2. **Scripts-for-AI-Project**
 - Created Jupyter Notebooks to transform data into labeled photos for AI applications.
3. **Image-Processing-for-Remote-Sensing-Project**
 - Utilized Python for analyzing satellite images to detect and compare green areas, employing techniques such as stack bands.
4. **Data-Analyzing-with-R-and-AI-Models**
 - Conducted data analysis and implemented AI models using R.
5. **AI-Predicting-Milk-Quality**
 - Built a Python-based system for predicting milk quality.
6. **Hotel-Reservation-Website-PHP**
 - Developed a full-stack PHP application for managing hotel reservations.
7. **Car-Renting-Website-Node.js**
 - Engineered a Node.js and MongoDB-based platform for facilitating car rentals.
8. **Flappy-Bird-Q-Learning**
 - Implemented Q-learning in Python to play Flappy Bird.
9. **Reinforcement-Learning-Super-Mario-Bros**
 - Applied reinforcement learning techniques in Python for

SKILLS

Programming Languages: C#, Python (AI, deep learning, scripts, image processing, data analysis), PHP, Java, R (data analysis)

Databases: SQL (MySQL, Microsoft SQL Server), MongoDB

Frameworks and Tools: Node.js

LANGUAGES

Arabic - native

English- advanced

Turkish -intermediate

SUMMARY

Skilled in Python and R for data analysis and AI development, with hands-on experience in web application programming. Known for problem-solving abilities and a passion for innovation. Seeking an internship to apply technical skills and contribute to real-world projects.

playing Super Mario Bros.

10. **Web-Crawler-C#**

- Created a robust C# web crawler with multi-threading and data encryption features using Microsoft SQL Server.

11. **Library-Management-System-CSharp**

- Developed a C# application for managing library operations with SQL database integration.

Biometric Scripts:

- **Keystrokes:** Script for capturing and analyzing keystroke dynamics.
- **Face Recognition:** Script for facial recognition biometrics.
- **Fingerprint:** Script for fingerprint recognition biometrics.
- **Retinal Vessels:** Script for analyzing retinal vessel patterns.
- **Voice Recognition:** Script for voice-based biometric authentication.
- **Gait:** Script for analyzing gait patterns for biometric identification.