| Hamza Abdullah | Ul. Rostafińskiego  4 30-072  Kraków  **+48 572 672 385**  [hamzaab25@gmail.com](mailto:hamzaab25@gmail.com)  **https://github.com/killua173** |
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| EDUCATIONToros university, Turkey— *Software engineering*MONTH 2021 - MONTH 2025, . AGH University, Poland— computer scienceMONTH 2024 - MONTH 2024PROJECTSProject Name — *Detail*  * **Script-for-Auto-Task-AI-Voice**   + Developed a Python script for automating repetitive tasks using AI voice commands. * **Scripts-for-AI-Project**   + Created Jupyter Notebooks to transform data into labeled photos for AI applications. * **Image-Processing-for-Remote-Sensing-Project**   + Utilized Python for analyzing satellite images to detect and compare green areas, employing techniques such as stack bands. * **Data-Analyzing-with-R-and-AI-Models**   + Conducted data analysis and implemented AI models using R. * **AI-Predicting-Milk-Quality**   + Built a Python-based system for predicting milk quality. * **Hotel-Reservation-Website-PHP**   + Developed a full-stack PHP application for managing hotel reservations. * **Car-Renting-Website-Node.js**   + Engineered a Node.js and MongoDB-based platform for facilitating car rentals. * **Flappy-Bird-Q-Learning**   + Implemented Q-learning in Python to play Flappy Bird. * **Reinforcement-Learning-Super-Mario-Bros**   + Applied reinforcement learning techniques in Python for playing Super Mario Bros. * **Web-Crawler-C#**   + Created a robust C# web crawler with multi-threading and data encryption features using Microsoft SQL Server. * **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. | 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. |