



# HUBERT MĄKA

## EDUCATION

### AGH University of Krakow

#### Wydział Informatyki, Elektroniki i Telekomunikacji AGH

- Faculty of Computer Science, Electronics and Telecommunications (WIET)
- Information and Communication Technology (ICT)
- 01.10.2021 – now
- In the 2nd and 3rd year the rector's scholarship for high academic results.

## EXPERIENCE

- None

## SKILLS AND TOOLS

- Python, Java, C, JavaScript (React), HTML5, CSS3, Matlab
- Databases & SQL (PostgreSQL & PL/pqSQL)
- ICT Networks, L2/L3 Devices Configuration & Network Protocols from ISO/OSI layers.
- Cryptography & Systems and Network Security
- Data Analysis & Machine Learning
- Operating Systems (Linux, Windows, macOS)
- GIT & Jira & Docker & Software Engineering

## PROJECTS

### Try-Fail-Repeat – Heuristic algorithms implementation and visualization:

- Technologies: Python (Pygame), GIT
- <https://github.com/hubertmaka/TFR>

### Web Application for Managing Sport Club:

- Technologies: Python (Flask), JavaScript (React), GIT, HTML5, CSS3, SQLite
- <https://github.com/hubertmaka/www-project>

### Docker Escape – Implementation of the test environment and presentation of Docker vulnerabilities:

- Technologies: Docker, Python (Flask), GIT
- <https://github.com/hubertmaka/Docker-Escape>

### Internet Clothing Store:

- Technologies: Python (Django), JavaScript (React), HTML5, CSS3 Technologies GIT, Jira
- <https://github.com/hubertmaka/Internet-Store>

### Apartments Webscraper Desktop Application:

- Technologies: Java (jsoup, javafx, log4j), GIT
- <https://github.com/hubertmaka/WebScrapper-Application>

### Sport Tournament Management System Database:

- Technologies: SQL, PL/pgSQL, PostgreSQL, GIT
- <https://github.com/hubertmaka/Database-for-a-sports-tournament-management-system>

### Implementation of various digital filters with presentation on example signal:

- Technologies: Matlab
- <https://github.com/hubertmaka/computational-techniques-project>

Completed courses, more info about projects and projects in progress on this website:

<https://hubertmaka.github.io>

## ABOUT

Third-year student (6<sup>th</sup> semester) of Information and Communication Technology at the Faculty of WIET AGH (engineering studies) with a passion for programming. I like challenges and I am constantly looking for new opportunities to expand my knowledge and skills. I love learning and sharing the acquired knowledge with others. I value working in a team. Nowadays, I live in Krakow. I associate my future with creating innovations in IT.

## CONTACT

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GITHUB:  
<https://github.com/hubertmaka>

## LANGUAGES

English – B2  
Polish - native

## HOBBY

Modern Technologies  
Mountain Biking  
Hiking

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation). I also consent to the processing of my personal data for future recruitment processes.