



DAWID CZERWIŃSKI

Junior Software Engineer | Python & C++
Developer

✉ dawidczerwinski biznes@gmail.com
🌐 czerwinski dawid.pl | 📄 github.com/Gzmys69
📄 LinkedIn
📍 Krakow, Poland / Remote

PROFESSIONAL SUMMARY

Ambitious programmer with a solid academic background (AGH/PK) and proficiency in Python. Creator of 'WikiGraph' architecture (Graph ETL). Specializing in backend (FastAPI), algorithms, and query optimization. Seeking engineering challenges.

TECHNICAL SKILLS

Programming Languages	Python (FastAPI, Pandas), C++ (STL/Pointers), REST API Design, SQL (PostgreSQL)
Tools & Systems	Git (CI/CD GitHub Actions), Linux Environment, VS Code
Skills	Graph Databases (Neo4j), Backend Architecture, Algorithms & Data Structures, Docker
Languages	Polish (Native) • English (C1/C2 - Advanced Professional)

KEY PROJECTS

WikiGraph Lab [Python, Neo4j, Docker, SQL, FastAPI] [source code](#)
Language-agnostic Knowledge Graph engine processing Wikipedia into a unified Neo4j + SQLite structure.

LeadFinder & Katalog Ecosystem [Python, Next.js, React, Node.js, Playwright, MS Office] [source code](#)
End-to-end sales automation pipeline and template marketplace. Features automated lead scraping and dynamic 'Magic Link' demo generation.

WORK EXPERIENCE

C++ & Python Technical Mentor | Giganci Programowania, Remote Jan 2024 - Jun 2025

- Analysis and debugging of code for 50+ students weekly (Code Review).
- Teaching advanced concepts: pointers, references, recursion, OOP.
- Verifying projects for memory optimization and computational complexity.

Operational Staff | AB Midden Nederland, Netherlands Feb 2025 - Oct 2025

- Working in a dynamic international environment – fast adaptation and teamwork.
- Execution of tasks under time pressure while maintaining high discipline and quality standards.

Operations Specialist | FedEx Express Ireland, Krakow Mar 2022 - Jul 2023

- Working under SLA (Service Level Agreement) and Compliance rigor – attention to procedures and deadlines.
- Daily communication in English (C1/C2) within an international team.
- Ticket handling and data analysis in Enterprise-class systems (Ticket-based workflow).

EDUCATION

Cracow University of Technology - Field: Applied Mathematics (Applied Mathematics)	2020-2022
AGH University of Science and Technology - Field: Electronics and Telecommunications (Electronics and Telecommunications)	2019-2020

I hereby consent to my personal data being processed by for the purpose of considering my application for the vacancy advertised under the Data Protection Act 2018 (Act) and 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).