

ŁUKASZ BILSKI

+48 726 102 004 | bukaszlilski@gmail.com | linkedin.com/in/bukaszlilski | github.com/bilusss | lukasz-bilski.eu

Kraków, Poland | **Availability:** Full-time

ABOUT

Final-year ICT (Information and Communication Technologies) student at AGH UST. Currently an AI intern at Ericsson, building LLM-based developer tooling for 5G product code. I write Python and C++, and build data pipelines and automation tools. Outside of code: gym, running, music.

EXPERIENCE & ACTIVITIES

Ericsson

Kraków, Poland

AI Intern | AI Summer Internship Programme

Jul. 2026 – Present

- Built a **test-coverage gap analyser for 5G product code** combining LLMs with deterministic tooling: parsed branch-coverage data to find paths left untested, then generated targeted test suggestions for them.
- Developed an **LLM-based code-review agent** operating at component scope, reviewing code changes and reporting findings automatically.

AGH Analytica – Student Research Group

Kraków, Poland

Member, RoboDog Rescue AI | Autonomous Quadruped for Search & Rescue

Sep. 2026 – Present

- Contributing to a **“first responder” system** for fire and disaster zones: **LiDAR**, thermal imaging and AI fused to locate victims and map hazardous areas ahead of human rescuers.
- Current focus: AI-driven **real-time evacuation pathfinding** and autonomous navigation in hazardous terrain.

BITEhack VIII – BEST AGH Kraków

Kraków, Poland

Co-creator | BEST: Board of European Students of Technology

Apr. 2025 – Feb. 2026

- Co-organised a 140+ participant hackathon; built the event website in React; coordinated the jury panel.

SG Services / Ferrero

USA / Poland

Assistant Electrician / Manual Worker

Summers 2022 – 2024

- 4 months in the USA; reliability and teamwork in fast-paced international environments.

EDUCATION

AGH University of Science and Technology

Kraków, Poland

B.Eng. Information and Communication Technologies – **Final Year**

2023 – Feb. 2027

- **Relevant Coursework:** Algorithms & Data Structures, Computer Networks, Mobile & Wireless Communications (5G/LTE), Digital Signal Processing, Telecommunications Systems, Databases, Machine Learning, Probability & Statistics.

TECHNICAL SKILLS

Languages: Python, C++, SQL, Java, Bash

AI & ML: Scikit-learn, XGBoost, PyTorch, Keras, Pandas, NumPy, YOLOv8, Transformers, LLM APIs, agentic workflows, MCP

Backend & DevOps: REST API, PostgreSQL, SQLAlchemy, Docker, Docker Compose, ETL pipelines

Tools & Concepts: Git, Jupyter, Linux, Selenium, FFmpeg, Streamlit, Agile/Scrum, OOP

Spoken: Polish (Native), English (B2 – 4 months USA), German (A1)

PROJECTS

E-commerce Data Warehouse | Python, PostgreSQL, Docker, Streamlit, SQLAlchemy

Apr. 2026

- End-to-end ETL loading 100k+ orders into a Star Schema OLAP warehouse (5 dims); Streamlit KPI dashboard, Dockerised.

Weather ETL Pipeline | Python, PostgreSQL, Docker, APScheduler, SQLAlchemy

Mar. 2026

- Scheduled ETL ingesting live weather for 6 Polish cities via OpenWeatherMap REST API; modular design, daily log rotation.

Credit Risk Scoring | Python, Scikit-learn, XGBoost, Pandas

Mar.–Apr. 2026

- ML pipeline on 250k records; StratifiedKFold CV + RandomizedSearchCV; **AUC 0.866, Gini 0.733**.

Viral Clips Finder | Python, PyTorch, ML, Transformers, Selenium, FFmpeg

May 2025 – Present

- **B.Eng. thesis project:** ML pipeline detecting and extracting high-engagement video segments using PyTorch and Transformers models, with Selenium + FFmpeg for data collection and processing.

CERTIFICATES

The Ultimate MySQL Bootcamp | Udemy – Colt Steele

Generative AI: Prompt Engineering Basics | IBM

Umiejętność Jutra 2.0 | Google x SGH

I hereby consent to my personal data being processed for the purpose of conducting recruitment for the position for which I am applying.