Maksym Bieńkowski

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SKILLS

Programming languages
- Python
- Go
- Rust
- C++
- TS (React, NextJS)

Tools
- Unix shell
- Version control tools (Git)
- Docker
- Ansible

Languages
- Polish (native)
- English (C2)
- German (B2)
- Spanish (A2)

WORK EXPERIENCE

Office Manager at Nordex Poland Warsaw, Poland July 2021 — August 2021, July 2022 — August 2022

- Implemented Python scripts aimed to automate repetitive tasks previously conducted manually, improving efficiency and saving the company's resources.
- Took charge of business trip and conference organisation, gaining organisational and logistical skills.
- Maintained the company's invoice registry and refined its structure, improving productivity.
- Oversaw the management of the company's vehicle fleet.
- Managed correspondence, inquiries and resolved complaints, utilizing professional communication and collaboration skills.

EDUCATION

Faculty of Electronics and Information Technology, Warsaw University of Technology October 2022 — June 2025
Computer Science BEng

- Third highest GPA in the cohort
- Triple laureate of the Rector's scholarship for outstanding academic achievements
- First four terms: 4.88 weighted average across all courses;

Tadeusz Czacki Highschool no. 27 in Warsaw Warsaw, Poland September 2019 — April 2022
Nova Matura Certificate

- Awarded the "*Matura na 100%*" scholarship for achieving one of the best average Matura results in the country

PROJECT EXPERIENCE

Python ORM
Developed a Python ORM providing an intuitive API for database interactions, including table creation and modification. Features a robust migration engine, CLI tool for managing migrations, and a web interface for real-time data visualization and manipulation. Supports both SQLite and PostgreSQL databases.

Optical network optimizer
Designed and implemented a web application in partnership with T-Mobile, enabling network analysts to optimize optical network performance. Core capabilities include optimization using integer programming and graph-based shortest path algorithms, real-time interactive visualization, network expansion tools, session management, and comprehensive reporting in exportable formats.

The Monkey programming language interpreter
Implemented an interpreter in Go for a dynamically typed programming language, supporting primitive and advanced data types, as well as first-class and higher-order functions. Features a fully interactive REPL for real-time code execution and debugging.

REFERENCES

References are available upon request