

KRZYSZTOF MATYLA

Software Engineer Intern

696580937 @ krzysztof.matyla1@gmail.com krzysztofmatyla.com
Poznań

SUMMARY

I have a strong understanding of Python and relational databases, and my goal is to develop my skills in Data Engineering. I am also interested in mobile and web application development. I am looking for an opportunity to gain practical experience and expand my skills by working on real-world projects.

EDUCATION

Computer Science - Data Processing, MSc 2025 - Present
Poznan University of Technology

Computer Science, BSc 2021 - 2025
Poznan University of Technology

- Thesis: Biometric identification of a smartphone user using graph neural networks

PERSONAL PROJECTS

Product Authenticator App
Kotlin

An Android app for verifying product authenticity

- generate unique codes for each item to ensure traceability and prevent counterfeiting
- check originality via an external database
- support QR code scanning
- include a login system

Speedway Typer Full Stack
PHP

A Laravel app to track user progress in speedway events

- create and manage race cards for events
- race card completion
- automatically calculate points based on user input
- generate and display user rankings dynamically
- include a dedicated gallery to showcase user achievements and trophies
- user authentication and management for logging in, managing accounts, and adding friends

My RPG
Python

A simple 2D RPG game

- inventory system for collecting, storing, and managing items
- combat system allowing real-time fights
- collecting gold and experience points to enhance character progression

Kayssa Chess Engine
Python

An engine that aims to provide optimal move suggestions and position evaluations, offering two different approaches

- hard-coded rules
- neural network model (Tensorflow Keras)



SKILLS & TECHNOLOGIES

Python, Kotlin, MySQL, PL/SQL, Hadoop, Hive, Spark, Laravel, Android Studio, Git, Docker, Apache Airflow

Open to challenges, Adaptable, Problem-solving mindset

LANGUAGES



STRENGTHS

- Quick Learner
- Logical Thinking

INTERESTS

- Chess
- Collecting Vintage Football Shirts