

Eliza Petrycka

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About me

I am a student actively developing my skills in Computer Science, with two years of dedicated effort to advance in the tech industry. I am ready to embrace new challenges, continue growing, and contribute with creativity and dedication to innovative projects.

Education

AGH University of Kraków

Computer Science and Intelligent Systems field
2023r. – current

I Secondary School in Hrubieszów

Advanced Level:
Mathematics, Physics, and Computer Science
2019–2023r.

Private Music School in Hrubieszów

Second degree Music School diploma
Piano Class
2016–2023 r.

Projects

PlayGrid Group Project

Developing a web application for offering game server hosting. Includes database design, API development, frontend implementation, and deployment on AWS.

Flashcards Project

Creating a web application for interactive learning with games. Aimed at learning microservices architecture, event-driven architecture with RabbitMQ and FastAPI, with plans to implement a database in Azure.

Stream Data Processing and Analysis

Started building a data pipeline with Apache Beam on Google Cloud to learn stream processing using BigQuery for analytics, with plans to containerize using Docker and deploy on Kubernetes (GKE).

Languages

Polish native

English B2+/C1


Russian B1


Skills

Programming languages


 Python

 Java

 C++/C++/C#

 JavaScript

Database management systems

 MySQL

 PostgreSQL

Container tool


 Docker

Other

 Git

 Unity

 React

 Unix Systems

Work Experience

AGH Code Industry Science Club

Collaborated on a 3D game development project in Unity. Responsible for programming, designing user interface (UI/UX), and implementing game logic.

Synaptica AGH Science Club

Started a new science club with a small team, currently working on a project to develop an application for collecting data from measurement devices such as smartwatches.