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

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P Python 🏽 👙 Java

C+C/C++/C#

Js JavaScript

Database management systems

MySQL PostgreSQL

Container tool



Other

♦ Git **€** Unity

React
 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.

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with 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).