KRYSPIN KUCHA

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EDUCATION

AGH University of Cracow, Feb 2027 (expected)
B.Sc. in Computer Science in Engineering
Relevant Coursework: Algorithms and Data Structures, Software Engineering, Database Management Systems

SKILLS

Programming languages: Python, TypeScript, JavaScript, C++, CSS, SQL
Frameworks: Next.js, React, Django, Django Rest Framework, Tailwind, LightGBM
Other: Git, Vercel, CI/CD, Linux, Testing
Soft skills: Teamwork, analytical thinking, Agile
Languages: Polish (Native), English (B2), German (A2+)

PROJECTS

eSenior | Next.js, Django Rest Framework
- This project won first place at the Bitehack 2024 hackathon; Best out of 12 teams
- Collaborated in a 4-person team, building a platform to help elderly people benefit from today's technology, improve their health, and deal with the problem of loneliness
- Led the project presentation and worked on frontend development

SkinLookup | Next.js, Django Rest Framework
- Developed dynamic web application for browsing and analyzing items from Steam Market, featuring price charts, portfolio management, and custom caching
- Implemented JWT Token authorization
- Used real data from external APIs

Oblique throw simulation | C++, SFML
- Developed a simulation of oblique projectile motion with a dynamic GUI, allowing users to customize parameters like launch speed, height, angle and gravity
- Implemented real-time tracking of projectile position and velocity, along with advanced features like saving statistics and visualizing trajectories.

USOS | Angular, Django Rest Framework
- Collaborated in a 3-person team to build a school management system with features like grade tracking, attendance, and electronic consents
- Developed a REST API with over 15 data models, creating an ERD to plan the database schema.

CERTIFICATES

- CS50 Web Programming with Python and Javascript (2024)
- Nvidia Fundamentals of Deep Learning (2024)
- CS50x Harvard's Introduction to Computer Science (2022)

INTERESTS

Market trend analysis on Steam, basketball, competitive FPS games

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