Yevgen Petronyuk Pidhaynyy

Computer Science Engineering student

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Web
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SUMMARY

Final-year Computer Science Engineering student with a strong foundation in programming, algorithms, data structures, software development and artificial intelligence. Seeking an opportunity to apply my technical skills in a professional environment, contribute to innovative technological solutions, and support the team in achieving its goals.

EDUCATION

Computer Science Engineering degree   2022 – 2026
Universidad Complutense de Madrid

Computer Science and Information Technology (mobility)   2024 – 2025
Łódź University of Technology

EXPERIENCE

- **Programming Technologies** - Multilayered application in C# using POO design and polymorphism.
- **Algorithms and Data Structures** - Iterative and recursive algorithms, backtracking, linear data, tree data structures, maps in C++.
- **AWS University Engagement Program** - Mobile app project using React Native, Java Spring Boot, Docker and PostgreSQL.
- **AI Fundamentals** - Neural networks from scratch, search algorithms and fuzzy logic in Python.
- **Machine Learning** - PyTorch models for classification, prediction, and medical image segmentation.
- **Internet Applications Programming** - Full-stack system with Java Spring Boot, React and Docker.
- **Thesis (In progress)** - C++/OpenGL simulator to analize collision avoidance multi-agent systems

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- Private mathematics teacher: Practical lessons focused on strengthening fundamental concepts in geometry, equations and functions.
- Private English teacher: Practical English classes to improve oral fluency and knowledge of English language.

SKILLS

C++, C, Python, Java, React, SQL, Git

STRENGTHS

My international experience has allowed me to adapt quickly, communicate effectively and work at the level of more advanced students. Sport and my personal projects reflect my perseverance, creativity, and ability to solve problems in a practical way.

LANGUAGES

Spanish – Native
Russian – Native
Polish - Basic

English – Intermediate High (B2)
Ukrainian – Native