ANDRII KURDIUMOV

SUMMARY

Computer Science students with knowledge and experience in programming languages C#, C++, JavaScript, Java. Ability to work in a cohesive and group environment with most experience in robot development. I really like using technology to solve problems or interesting uses of science and technology for experiments. I am looking for opportunities to improve in the field of programming and science.

EXPERIENCE

Assistant Programmer, 09/2018 - 04/2021
Academy of Robotics and Electronics - Dnipro, Ukraine

- Provided training sessions for faculty and students on programming languages, software tools and data analysis techniques relevant to their academic work.
- Offered technical support to faculty and students by troubleshooting software issues.
- Creating prototypes with microprocessors for use in solving various problems.

EDUCATION

Bachelor's degree in computer science, Faculty of Computer Science, 2025
Social Sciences Academy - Lodz

LANGUAGES

Russian, Ukrainian: First Language

English: B2
Upper Intermediate

Polish: B2
Upper Intermediate

PROJECTS

- **Development of robots to find a way out of the maze**:
  Problem: Training a robot and learning a maze to remember the path from the entrance.
  Solution: Development of learning and navigation algorithms using machine learning and computer vision methods.
- **Development of a robot for sorting medicines:**
  Problem: Variety of sizes, colors and weights of medicines.
  Solution: Development of a computer vision system and sorting mechanisms that take into account various parameters of tablets.
- **Solar tracker development:**
  Problem: Ensuring efficient solar power and accurate solar targeting.
  Solution: Develop efficient solar panels and sun tracking system using sensors and turning mechanisms.

CONSENT FOR DATA PROCESSING

I Andrii Kurdiumov, give consent for the processing of my personal data for the purpose of recruiting for the position i am applying.

CONTACT

Address: Lodz, Poland 93-575
Phone: +48 536 576 474
Email: kurdiumov80@gmail.com

SKILLS

- Programming in **C#**, **C++**, **JavaScript**, **Java**.
- Experience with technologies such as **STL, .NET Framework, ASP.NET, Entity Framework, Blazor, Node.js, React.js, Apache Kafka.**
- Excellent understanding of classes, inheritance, polymorphism, and other **OOP** concepts.
- Proficiency in CAD software, such as **AutoCAD**, **FreeCAD** and **SolidWorks**.
- Knowledge of microcontroller programming languages, including **C/C++** for embedded systems.
- Familiarity with microcontroller platforms such as **Arduino**, **Raspberry Pi.**
- Prefer work in team.
- Communication Skills.
- Critical Thinking.
- Creativity.
- Time Management.
- Adaptability.