Igor Siata

https://igorsiata.github.io/me/ • https://github.com/igorsiata • igor.siata33@gmail.com • +48 730 600 975

AGH student acquainted with knowledge of comupter science and robotics. Looking for intership in IT or Robotics industry.

EDUCATION

AGH – University of Krakow   **01.10.2022 - Now**

> *Major:* Automatics and Robotics
> *Expected graduation:* 30.06.2027 | *Currently in 3rd year*
> *Programming Coursework:* Algorithms and Data Structures, Advanced OOP, Structured and objective programming, Vision Systems, Data analysis and databases
> *Robotics Coursework:* Modeling of dynamic systems, Robotics construction and programming, Automatics fundamentals, Control Theory

PROJECTS

Number classification - Python   **2024**
- Built an app to recognize hand-written digits. Implemented my own neural network from scratch.
- Technologies: Python, NumPy, tkinter.

Chess – C++   **2024**
- Developed chess game in C++ using SMFL library for graphics.

CS50 web programming course - Football scores website   **2024**
- Finished CS50 web course. Gained knowledge in HTML, CSS, JavaScript, Django, web security and CI/CD.
- Developed website that shows results of football matches and upcoming games, league standings.
- Used Django for backend and HTML+CSS+JS for frontend. Utilized external API to fetch data about new matches.

Traffic light optimalization   **2025**
- Developed a simulation of a network of crossroads.
- Implemeted genetic algorith to optimize traffic light switching patterns.

SKILLS

Advanced: Python

Intermediate: C++, Git, Django, HTML/CSS, JavaScript, SQL, Matlab/Simulink

Other: Arduino, STM32, 3D Printing, Designing in CAD

ABOUT ME

In free time I'm passionate climber, that loves to spend time outdoors at local crags.