Adrian Galik

Student of Applied Mathematics

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SKILLS:

- **Python** intermediate level
- Abstract data structures: **Stacks, Queues, Trees, Graphs**
- Algorithmics
- Mathematical models and statistical methods
- Applications of differential equations
- Numerical calculations: **Julia**
- Network projecting and managing
- Data base managing: **SQL**
- Installation and operation of computer systems: **Windows, Linux**
- Creating and managing of websites: **HTML, CSS, JavaScript, Flask, PHP**
- Text formatting language: **LaTeX**
- Distributed version control: **Git**
- Unix shell: **Bash**
- Team work

LANGUAGES:

- Polish native
- English C1

HOBBIES:

- Astrophysics
- Mathematics
- Machine learning

ABOUT ME:

Ambitious student of **Applayed Mathematics**. I'm using math knowledge to write **algorithm** and to calculate astrophysics issues. My favourite programing language is **Python** and I would like to use it in my work. In the future, I see myself in the field of **machine learning**.

EXPERIENCE:

- Internship in firm **Sports Media**. Network and computer systems
- Internship in firm **Zapaśnik IT**. Computer systems management
- Science club **Robocik**. Projecting artificial intelligence and creating control algorithm (**Python OpenCV**)
- Member of commite for Didactics and Student Rights
- Project simulating solar system (gravitational interactions) by numerically solving the n-body problem (**Python**)
- Project numerically solving (without libraries) Friedman's differential equations defining the evolution of the universe. The goal was to obtain information about the universe, i.e. its age, past and future development (**Python**)

EDUCATION:

- **Wrocław University of Science and Technology, Applied Mathematics, october 2021 - still**
- **Teleinformatics and Electronics School complex in Wrocław, Technical school no. 7 (IT Technician), September 2017 - April 2021**

CERTIFICATIONS:

- **Qualification EE.09 - Programming, creating and administering websites and databases**
- **Qualification EE.08 - Installation and operation of computer systems, peripherals and networks**

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