



Adrian Galik

Student of Applied Mathematics

+48 663 383 000
adrian1galik@gmail.com

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
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LANGUAGES:

- Polish native
 - English C1
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HOBBIES:

- Astrophysics
- Mathematics
- Machine learning

ABOUT ME:

Ambitious student of **Applied Mathematics**. I'm using math knowledge to write **algorithm** and to calculate astrophysics issues. My favourite programming 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 **Zapašnik IT**. Computer systems management
 - Science club **Robocik**. Projecting artificial intelligence and creating control algorithm (**Python OpenCV**)
 - Member of committee 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**)
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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**
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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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