



# 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
- 

### LANGUAGES:

- Polish native
  - English C1
- 

### 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 **Zapaśnik IT**. Computer systems management
  - Science club **Robocik**. Projecting artificial intelligence and creating control algorithm (**Python**)
  - 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**)
- 

### 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**

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the European Parliament's and Council of the European Union Regulation on the Protection of Natural Persons as of 27 April 2016, with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC.