



# Adrian Galik

## Student of Applied Mathematics

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github.com/Vexus1

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### SKILLS:

- **Python** intermediate level
  - Programming libraries: **NumPy, Pandas, Pygame, OpenCV, TensorFlow, Keras**
  - 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**
  - 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**.

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### 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 committee for Didactics and Student Rights
  - Programming projects in the **Python** language, i.e., a numerical solution (without using libraries) of Friedman's differential equation determining the evolution of the universe, a 2D game written in the object-oriented paradigm using the **Pygame** library, and solutions to algorithmics course assignments from college (**github**).
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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**

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.