



# Adrian Galik

## Student of Applied Mathematics

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github.com/Vexus1

### SKILLS:

- **Python** intermediate level
- Programming libraries: **NumPy, Pandas, Pygame, OpenCV, TensorFlow, Keras**
- Abstract data structures: **Stacks, Queues, Trees, Graphs**
- Data base managing: **SQL**
- Mathematical models and statistical methods **R language**
- Creating and managing of websites: **HTML, CSS, JavaScript, React, Flask, PHP**
- Network projecting and managing
- Distributed version control: **Git**
- Operation system: **Linux**
- Numerical calculations: **Julia**
- Unix shell: **Bash**
- Accelerated Container Application Development: **Docker**
- Analytical thinking
- Team work

### LANGUAGES:

- Polish native
- English C1

### HOBBIES:

- Machine learning
- Mathematics
- Astrophysics

### ABOUT ME:

Ambitious student of **Applied Mathematics**. I'm using math knowledge to write algorithms related to **artificial intelligence**, mainly **machine learning**. 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:

- Science club **Robocik** operating at the Wrocław University of Technology. **Artificial intelligence** design, writing algorithms to detecting the position of an underwater drone and operating the controls in **ROS2 (Python)** technology, for the **TAC Challenge** competition abroad.
- Programming projects in the **Python** language, i.e., a 2D game written in the object-oriented paradigm using the **Pygame** library numerical solution of Friedman's differential equation determining the evolution of the universe (**github**)
- Internship in firm **Sports Media**. Computer networks and systems.
- Internship in firm **Zapaśnik IT**. Computer systems management
- Member of committee for Didactics and Student Rights

### 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.