



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**
- Mathematical models and statistical methods
- Applications of differential equations
- Distributed version control: **Git**
- Data base managing: **SQL**
- Operation system: **Linux**
- Numerical calculations: **Julia**
- Unix shell: **Bash**
- 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 for pole detection by an autonomous underwater drone, which was prepared for the **TAC Challenge** competition abroad. Preparation, development and validation of automated tests of functionalities run during the preparation of the drone for swimming (**Python OpenCV**)
- 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 **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.