

# Karol Latos

## Software Engineer

Positively-minded and fast-learning Computer Science student in final year, eager to implement good practice in code and acquire new skills under the guidance of experienced co-workers. Clear understanding of the theory surrounding computer science, probability and statistics, optimization and decision making, artificial intelligence and more. Skills in Python and C++, as well as occasional C# and SQL. Expanding knowledge and growing is a crucial aspect of my life.



### Contact

Website  
[rol-x.github.io](https://rol-x.github.io)

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### Perks

Actual analytical skills and critical thinking

Regular user of: numpy, pandas, matplotlib, seaborn and sklearn

Fair understanding of data structures and algorithms

Strong mathematical backbone (enthusiast)

No sense of humor



### Interests

- Mathematics
- Cinematography
- Critique of culture
- Philosophy
- Gardening



### Projects

**20+ programming projects** developed during my studies, either as a part of a course or on my own. Most notable involve:

- Implementation of a **stochastic Ant Colony System** to solve the Travelling Salesman problem (Python)
- Tutor's **schedule creator**, based on the availability of individual students (Python)
- Console game of **memory cards** and **RPG text game** (C++, C#)
- Implementation of **evolution strategy** in gray box function parameter estimation (Python)
- **Poker game** simulator (C#)
- **Partial, nonlinear, ordinary differential equation solvers** (C++)

...and a myriad of minor projects including implementation of popular algorithms, numerical and optimizations methods and data visualization.



### Education

2018 - Current	<b>Bachelor of Science: Interdisciplinary IT studies with specialization in Informatics</b>
	<i>Silesian University Of Technology - Gliwice</i>
	<ul style="list-style-type: none"><li>• Co-authored a paper on package delivery via drones</li><li>• Received the Dean's Scholarship for year 2019/2020</li><li>• Continuing education in Informatics, Data Science</li></ul>



### Languages

- English
- Polish