

About me

I am a second-year Computer Science student at the Warsaw University of Technology (Faculty of Mathematics and Information Science) in a full-time program. I specialize in the .NET ecosystem, particularly in C#. I develop applications following SOLID principles, design patterns, and modern software testing approaches, as exemplified by my custom MiniTest framework.

Education

- 10.2023 – **Warsaw University of Technology**,
expected completion: 03.2027
Computer Science and Information Systems (Engineering, third year),
Faculty of Mathematics and Information Science.
- 10.2022 – **Warsaw University of Technology**,
06.2023
Electronics (Engineering),
Faculty of Electronics and Information Technology.

Projects

MiniTest Framework

A lightweight unit testing framework that enables dynamic test discovery and execution. Provides attributes for marking test methods, assertion mechanisms, and support for parameterized tests.

Technologies: C#, .NET 8

<https://github.com/srebrek/MiniTest.git>

SWCamera (Work in Progress)

An extension for the Splitwise app that scans receipts and splits expenses.

Technologies: Python, Microsoft Azure

<https://github.com/srebrek/SWCamera.git>

TicketChecker

A tool for monitoring and notifying about ticket availability for selected events.

Technologies: Python (Selenium, Win11Toast), Windows Task Scheduler

<https://github.com/srebrek/TicketChecker.git>

Champion Selector

An AI-based program for optimizing champion selection in the game League of Legends.

Technologies: Python (Scikit-Learn, Selenium)

<https://github.com/srebrek/LOLChampionSelector.git>

Courses

- Python Essentials + Asynchronous Programming – *Educative.io*
- Machine Learning with Python Data Processing, Data Analysis, Data Modeling (Regressions, Decision Trees), Clustering, Deep Learning – *Educative.io*
- Certificate English language B2

Skills

- Programming Languages C#, C, C++, Python, SQL
- Other Git, Linux, SOLID, Web Scraping, LaTeX, Microsoft Azure, Windows Task Scheduler
- Languages English – advanced
German – intermediate

Data Processing Consent

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).