

Tarik Alaiwi

Olsztyn, Poland | tarik.alalwi.dev@gmail.com | 796 198 871 | tarik-alaiwi-dev.github.io

linkedin.com/in/tarik-alaiwi | github.com/Tarik-Alaiwi-dev

About Me

I am a **3rd year Computer Science** student from Poland passionate about programming. Outside of my academic responsibilities, I am developing my skills in **Machine Learning** as an active member of the AI student research club "Czarna Magia" and I have greatly improved as a **Full-Stack Web Developer** through a summer **internship in Rome**.

Education

University of Warmia and Mazury in Olsztyn, BS in Computer Science Oct 2022 – Feb 2026

- GPA: **4.68/5.0**
- **Coursework:** Intro to Programming, Databases, **Data Visualization**, Data Structures and Algorithms, **Object Oriented Programming**.
- Active member of **AI student research club "Czarna Magia"**.
- **NVIDIA "Fundamentals of Deep Learning Certification"**.

Experience

Web Developer Intern, Ecobubble – Rome, Italy July 2024 – Sep 2024

- Created a **full-stack** (Django and Vue.js) web application to show gathered data in appealing way for a potential customer. This platform will also **speed up** the process of gathering the new data.
- Improved SEO of existing websites and **reduced** their assets' size.

Projects

Pneumonia Detection System github.com/repo

- This is a personal, **full-stack** web application that uses an **AI model** that I have trained on dataset from kaggle to classify x-ray imagery of human lungs as pneumonic or non-pneumonic. Application then displays the result in a **user-friendly interface**.

*disclaimer: There is only a live demo of the trained model available for the time being.

- Tools Used: PyTorch, Django, Vue.js, Bulma

Solar Panel Detection github.com/repo

- This is a **group project** made with my friends from **AI student research club**. The project is an **MVP** as we completed it quickly using very high-level tools. The application uses a **YOLOv9** model to detect solar panels from an aerial view.

- Tools Used: Ultralytics, Gradio, Hugging Face

Technologies

Languages: JavaScript, SQL, HTML, CSS, **Python**

Technologies: SQLite, Postman, Git, Github, Jira, **PyTorch**, **Django**, **Vue.js**

Languages

- **English B2+**
- Polish native