

Alex Zamolotskikh

ML Developer

✉ azamolot@tcd.ie 📍 Dublin, Ireland 🔄 Zampilled 🔗 zampilled.com

PROFILE

3rd-year computer science student with almost 2 years of professional software engineering experience in varied fields.

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Health Beacon

- Helping to maintain a codebase in the tightly regulated market of pharmaceuticals.

Oct 2023 – present
Dublin, Ireland

ML Intern @ ICTL Research Lab

JetBrains

During my internship at ICTL, I completed several projects:

- I created a neural network that predicts emoji reactions based on the sentiment of messages.
- I ran a study of people's use of reactions in messages and their tendencies to use them depending on other people's reactions.
- I then turned this model and study into a research paper which is currently being considered for CSCW 2025.
- I worked on a RAG approach for finding relevant people in a corporate structure for a certain problem.

Jun 2023 – Jun 2024
Remote

Full Stack Developer Intern

Ambisense

Over my internship, at Ambisense I worked on a wide array of projects with varying technologies. I mostly used Python, Javascript, and Bash during my internship.

My projects include:

- A script that could perform data analytics on client data to provide meaningful insights
- I Managed the backend development of a service,
- I created artificial data for script testing.

While developing my coding skills I also developed key skills in communication and working with a team.

Jun 2022 – Sep 2022
Dublin, Ireland

EDUCATION

Bachelors in Computer Science

Trinity College Dublin

I am currently pursuing a degree in Computer Science. I am also Class Representative for my course.

2022 – 2025
Dublin, Ireland

LANGUAGES

English



Russian



German



PROJECTS

Remback 🔗

Remback is an image matting AI that uses React/Redux/Django Rest/Axios to remove backgrounds.

The AI used is ZHKKKE's MODNet.

The image is processed on a Django REST backend and returned via an API Response which is then processed on the React Frontend.

This project taught me how to use AI in a tech stack.

VOLUNTEERING

Committee Member

The Internet Society

As Chairperson of Trinity's Internet Society, I oversee the day-to-day management of our servers and events, providing free hosting for students' projects on physical servers within the university.

Jan 2023 – present