

Alex Zamolotskikh

ML Developer

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PROFESSIONAL EXPERIENCE

ML Intern @ ICTL Research Lab

Jun 2023 – Jun 2024

JetBrains

Remote

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.

Full Stack Developer Intern

Jun 2022 – Sep 2022

Ambisense

Dublin, Ireland

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.

EDUCATION

BA in Computer Science

2022 – 2026

Trinity College Dublin

Dublin, Ireland

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

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 ZHKKE'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.

Ordeo

Ordeo is an inventory ordering system that uses React/Redux/Django Rest/Axios.

This project has 4 main functions: Authentication, Product Management, Product Purchasing, and Order Tracking.

In making this project I learned about REST Api's, React Development, and Tech Stacks.

VOLUNTEERING

Committee Member

Jan 2023 – present

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.