# Alex Zamolotskikh

## *Software Developer*

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## 💼 PROFESSIONAL EXPERIENCE

**Intern @ ICTL Research Lab,** *JetBrains*                                      Jun 2023 – present

During my internship at the ICTL Lab, I completed a project that extracted sentiments of messages and suggested reactions for that message using an AI model of my design. This internship taught me how to use popular AI libraries (PyTorch, Transformers, Gensim, etc) and how to work in a research environment.

**Full Stack Developer Intern,** *Ambisense*                                      Jun 2022 – Sep 2022
                                                                                  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, manage the backend of a server, and create artificial data for script testing. While developing my coding skills I also developed key skills in communication and working with a team.

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## 📁 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.

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## 📚 VOLUNTEERING

**Committee Member,** *The Internet Society*                                      Jan 2023 – present

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.

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## 🌐 LANGUAGES

| English | ▬▬▬▬▬▬▬ | Russian | ▬▬▬▬▬▬▬ |
|---------|---------|---------|---------|
| German  | ▬▬▬▬░░░ |         |         |

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## 🎓 EDUCATION

**BA in Computer Science,** *Trinity College Dublin*                              2022 – 2026
                                                                                  Dublin, Ireland

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