Cristina Semikina

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EDUCATION

Aarhus University   **Aarhus, Denmark**
Master's in Computer Science   *Expected Graduation, July 2027*
- o   Specialization in Artificial Intelligence

ISEP - Instituto Superior de Engenharia do Porto   **Aarhus, Denmark**
Bachelor's of Engineering in Computer Science   *September 2022 - July 2025*
- o   **Concentrations:** Practical project-based learning and software development.
- o   **Exchange Semester** at Aarhus University – Software Engineering
- o   **Coursework:** System Design, Databases, OOO Programming, Algorithms, Discrete Math, Data Science.
- **o**   **Thesis Project:** Overall grade of 19/20.

EXPERIENCE

Connected Cars A/S   **Copenhagen, Denmark**
Software Engineer   *September 2025 – Present*
- Delivered new web and mobile features that improved product usability and release readiness by building responsive interfaces with **React, React Native, and TypeScript**, integrating **GraphQL APIs**, and contributing to custom **NPM packages**.

Replai Inc   **Remote**
Software Engineer   *April 2025 – August 2025*
- Contributed to a full-stack application using **React**, **NodeJS** and **PostgreSQL** implementing new features and API endpoints while maintaining code quality through bug fixes and testing.
- Managed **AWS services** for deployment and infrastructure while developing workflow optimization processes.

PROJECTS

Building Segmentation Tool

Thesis Project   *April 2025 – July 2025*
- Built a **React.JS** web platform with a **Flask** backend that allows users to train, evaluate and compare image segmentation models while using custom datasets and an overlay in an interactive map.
- Trained on different models and hyperparameters, achieving an **accuracy of 89.08%** and IoU of **58.7%**.

Real Estate AI Agent

Personal Project   *January 2024 – August 2025*
- Developed a **Python-based** real estate **AI agent** using **OpenAI API** to interpret natural language housing preferences and automatically recommend suitable properties to users.
- Implemented intelligent matching algorithms that analyze user criteria (location, budget, amenities) to deliver personalized property suggestions with scoring metrics.

ACTIVITIES AND LEADERSHIP

Informatics Engineering Core - NEI   **Porto, Portugal**
Coordinator of Events Department   *July 2023 – July 2024*
- Responsible for planning, organizing, and executing events aimed at fostering academic and social development.

High School Student Association   **Gaia, Portugal**
President   *Aug 2019 – Sep 2020*
- Leader of an organization of **50+ members**, hosting events, and reaching out to other associations.

SKILLS

Languages: Portuguese (Native), Russian (Native), English (7.5 IELTS), Spanish (Intermediate/Advanced)
Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React, React Native, C#, Next.js, C++, PostgreSQL, GraphQL
Tools: Android Studio, IntelliJ, AWS, Jupyter Notebooks, Git, Bootstrap, Unity, Visual Studio Code
Soft Skills: Communication, Problem-Solving, Adaptability, Time Management, Teamwork