

Emilia Repo

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I'm a 4th-year Computer Science student with a strong academic foundation and practical experience in software development and project management. I've gained valuable experience through hands-on projects and internships and I'm currently working toward an MSc in Secure Systems. Alongside my technical work, I enjoy taking on leadership roles, like organizing Tietokilta's annual ball and leading various committees within the guild. I'm passionate about blending technical know-how with strong people skills to create meaningful results.

Education

Aalto University, MSc in Computer Science, Secure Systems 2024 –

- **Coursework:** Design of WWW Services, Supervised Machine Learning

Aalto University, BSc in Computer Science 2021 – 2024

- **GPA:** 4.4/5.0
- **Minor:** Industrial Engineering and Management
- **Coursework:** Web Software Development, Databases, Machine Learning, Computer Networks, Software Project 1-2, Information Security, Human-Computer Interaction

Experience

Software Project Developer, Sievo September 2023 — April 2024

- Supplier information management system for Sievo as part of the Software Project course
- Frontend (React, JS, Tailwind) and backend (C#, .NET, REST APIs) development
- Agile development with Scrum, CI/CD, and Git

Software Developer Intern, Yield Systems June 2021 — November 2022

- Mobile camera application development with Kotlin
- API development work, data processing and visualization with Python
- Collecting data on the field and working with clients

Volunteering

Equality Coordinator, Tietokilta ry – Espoo, Finland Jan 2025 –

- Advocating for inclusivity and equity within the guild, implementing initiatives to foster a welcoming community.
- Collaborating with the board and guild members to address concerns and create actionable solutions.

Annual Ball Director & Master of Culture, Tietokilta ry Jan 2024 – Dec 2024

- Directed the planning and execution of the guild's annual ball, attended by over 200 guests and over 50 volunteers.
- Led a committee of 19 to organize culture-themed events, improving teamwork and event management skills.

Board Member & Head of Student Marketing, Tietokilta ry Jan 2023 – Dec 2023

- Managed the guild's marketing efforts and led a committee of 29 to promote Aalto through high school visits.
- Contributed to decision making and strategic planning as part of the guild's board

Projects

TableBook tablebook.pages.dev

- Online meeting minute management software written for the Design of WWW Services course
- **Tools used:** Svelte (incl. SvelteKit), Drizzle, Tailwind, Lucide, TipTap

GAYY Website www.gayy.fi

- New website for GAYY ry with Instagram feed & general information in several languages
- **Tools used:** TypeScript, Next.js, React, Tailwind, i18next

CryptoCache cryptocache.vercel.app

- CTF where people must hack into a purposefully vulnerable website and decrypt coordinates for a geocache
- **Tools used:** TypeScript, Next.js, React, Tailwind, Postgres