

Akira Taguchi

Software developer

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EXPERIENCE

MOOC.fi - University of Helsinki

Research assistant

Aug 2025 - Nov 2025

Helsinki

- Fixed accessibility issues with React.js

Telefonaktiebolaget LM Ericsson

Research Trainee

May 2023 - Aug 2023

Kirkkonummi

- Drove the 6G development further in an IoT team
- Harnessed cutting-edge technology including WASM and containerization tools
- Applied the agile framework to the needs of a researcher

Napa Oy

Developer Trainee

Apr 2022 - Aug 2022

Helsinki

- Contributed to cargo ship weather routing for reducing emissions and enhancing safety
- AngularJS, .NET, Docker

Elisa Oy

Software Engineering Trainee

Jun 2021 - Aug 2021

Helsinki

- Worked on network automation and graph databases in the EDN team
- Neo4J, Kotlin, Go

EDUCATION

University of Helsinki, Finland | Master of Science

2025

- Study track: Software
- Master's thesis on open source and software freedom
- Related Coursework: Datastructures and algorithms, 45 ECTS credits of pure mathematics, Malware analysis and reverse engineering

SKILLS & INTERESTS

Technical Fullstack, OOP, Haskell, C, SQL, NoSQL (document, graph), DevOps

Language Finnish (native), English (fluent), Swedish (conversational)

Interests Video games, active lifestyle, psychology, animal rights

PROJECTS

rencode | github.com/akirataguchi115/rencode

2025

- Transcode AV1 encoded videos to H.264
- WebAssembly, JavaScript, Browser extension, FFmpeg