Akira Taguchi
Computer programmer

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github.com/akirataguchi115/

EXPERIENCE

MOOC.fi - University of Helsinki **Aug 2025 - Nov 2025**
Research assistant *Helsinki*
- Fixed accessibility issues with React.js

Telefonaktiebolaget LM Ericsson **May 2023 - Aug 2023**
Research Trainee *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 **Apr 2022 - Aug 2022**
Developer Trainee *Helsinki*
- Contributed to cargo ship weather routing for reducing emissions and enhancing safety
- AngularJS, .NET, Docker

Elisa Oy **Jun 2021 - Aug 2021**
Software Engineering Trainee *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

CERTIFICATION & AWARDS

DevOps with Docker 2021
Securing software 2021

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