

# Akira Taguchi

Computer programmer

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github.com/akirataguchi115/

## EXPERIENCE

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### 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

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### 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

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DevOps with Docker

2021

Securing software

2021

## SKILLS & INTERESTS

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**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

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**rencode** | [github.com/akirataguchi115/rencode](https://github.com/akirataguchi115/rencode)

2025

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