

TAI ARIMA

SOFTWARE DEVELOPER

CONTACT

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SKILLS

Javascript	React
Java	HTML/CSS
Redux	Next.js
React Router	Tailwind
React Query	Cypress
CLI, Unix shell,	RESTful APIs
Object-Oriented Programming	VS Code, Eclipse
	AGILE/Scrum

EDUCATION

M.S. in Molecular Biology, 2022
University of Helsinki
Awarded "Be one of the Best!"
Academic Merit Scholarship and
Grant of 50,000 Euros

B.S. in Molecular Biology, 2018
University of Colorado-Boulder
Summa cum laude (highest
honors)

LANGUAGES

English	● ● ● ● ●
Japanese	● ● ● ● ●
French	● ● ● ●
Chinese	● ● ● ●
Korean	● ● ●
Hindi	● ●

NON-TECHNICAL

- Teaching, public speaking, and giving presentations.
- Communicating in multicultural, multilingual environments.
- Skilled in communicating complex technical concepts

ABOUT ME

I am a software developer currently focusing on building web applications with React. I have a diverse background in linguistics, military intelligence, and molecular biology, where I've developed strong skills in communication, collaboration, and adaptability that I bring to software development.

PROJECTS

Type and Learn Korean (TALK) - Language learning web application

- Application for users to improve Korean language and typing skills; built in Vanilla JavaScript, with fully responsive design

Kanji Knowledge Assessment Tool - Language learning web application

- A multiple-choice assessment tool for users to determine the amount of kanji (Chinese characters used in Japanese) they know.
- Personally designed and tested algorithm to determine user's level of knowledge
- Built in Vanilla JavaScript, with fully responsive design

Manga Map - Geolocation web application

- Web application built in Vanilla JavaScript using geolocation API
- Employs object-oriented programming, search functionality, and use of local storage

The Linguist's Challenge - Language quiz web application

- Multiple-choice quiz on languages and linguistics
- Built in React, making use of hooks and multiple libraries
- Responsive design made with Tailwind CSS.

SELECTED WORK EXPERIENCE

Junior Researcher, Helsinki Institute of Life Science,
Helsinki, Finland 11/2021 - 09/2022

- Worked independently as well as in a team of five scientists conducting experiments on intra-cellular movement of proteins with the overarching aim of understanding genes linked to diabetes risk.

Lecturer Anderson Language and Technology Center,
Boulder, Colorado, 09/2016 - 05/2017

- Designed my own curricula and taught courses in both Japanese and Korean as a foreign language for learners of all levels

Airborne Cryptologic Language Analyst, United States Air Force,
Bellevue, Nebraska -12/2009 - 11/2013

- Translated and analyzed foreign language communications, both on the ground and as crew member of a reconnaissance aircraft
- Air Force Certified Trainer
- Personally developed a language maintenance program to improve the linguistic skills of Korean linguists in the squadron