

# 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 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. Outside of programming, I am passionate about science, foreign languages, and education.

### 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