

# Nobuhiro Oto

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**Primary Languages:** Java, Kotlin, Python, TypeScript

## EDUCATION

### Waseda University

Apr. 2023 – Mar. 2027

*Bachelor's in Computer Science*

*Tokyo, Japan*

**Relevant Coursework:** Computer Programming, Logic Circuits, Theoretical Computer Science, Algorithms and Data Structures, Computer Architecture, Operating Systems, Databases

**Extracurricular Activities:** Member at the Frontend Team at Google Developer Group on Campus Waseda, Member at Waseda Competitive Programming Circle

## EXPERIENCE

### Software Engineer Intern | *Kotlin*

Mar. 2025 – Present

*ExaWizards Inc.*

*Tokyo, Japan*

- Developing AI applications using fullstack **Kotlin** as part of an all-English team

### Software Engineer Intern | *TypeScript, Python*

Nov. 2024 – Mar. 2025

*NAXA Co.*

*Tokyo, Japan*

- Developed and maintained both frontend and backend of “Subtitle Generator,” an automatic subtitle generator used by over 10 companies in the television industry, using **Next.js** and **TypeScript**
- Developed new features—such as Video Duplication and Audio Separation - by leveraging open-source tools like AudioSep and FlowSep with **Python** and **PyTorch**
- Created an LibreChat Agent and Action using **Python** and **FastAPI**, which improved gpt-4o-mini’s table recognition by 40%

### Backend Intern | *Java*

Oct. 2024 – Nov. 2024

*Solution and Technology Co.*

*Tokyo, Japan*

- Developed a prototype schema for the backend of “WiMS,” an office platform designed to support businesses’ HR and accounting operations using **Java** and **Oracle**

## PROJECTS

### Calendxr | *TypeScript* | [Link](#) | [GitHub](#)

Feb. 2025 – Mar. 2025

- Developed a full stack smart Calendar with features such as image recognition for automatic information input for events with **Google Vision AI** and a Chatbot assistant with **OpenAI API**
- Managed to fully sync with Google Calendar in order to achieve a **no-database** solution for privacy measures
- Finalist at Engineer Guild Hackathon (Top 10 out of 48 teams) and won the Loglass Award

### AtCoder Rating Comparer | *JavaScript* | [Link](#) | [GitHub](#)

Dec. 2024

- Utilized web scraping with **Puppeteer** to create a web application that compares ratings on AtCoder, a competitive programming platform
- Built in a **Docker** environment for easier deployment on cloud services
- Achieved over 5,000 uses and featured on [AtCoder Clans](#); an unofficial blog for AtCoder

Other projects available at [nobuho.com](https://nobuho.com)

## COMPETITIONS AND HACKATHONS

- Rated Green on [AtCoder](#)
- Finalist (Top 10 out of 48 teams) and Loglass Award Winner at Engineer Guild Hackathon 2025 Spring
- Participant at Engineer Guild Hackathon 2024 Autumn

## TECHNICAL SKILLS

**Programming Languages:** Java, Kotlin, Python, C, C++, JavaScript, TypeScript

**Frameworks:** React.js, Next.js, PyTorch, Tailwind CSS, Spring Boot, LangChain, FastAPI

**Developer Tools:** Git, Docker, GCP, AWS, Azure, CI/CD

**Languages:** Japanese (Native), English (Bilingual Proficiency, TOEFL: 110/120)