

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

Incoming Software Engineer Intern | Kotlin

Mar. 2025 – Present

ExaWizards Inc.

Tokyo, Japan

- Developing the backend for AI applications using **Kotlin** as part of an all-English team

Software Engineer Intern | TypeScript, Python

Nov. 2024 – Mar. 2025

NAXA Co.

Tokyo, Japan

- Developing the frontend for “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

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, CI/CD

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