

Nobuhiro Oto

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Primary Languages: Java, Kotlin, Python, TypeScript

EDUCATION

Waseda University

Bachelor's in Computer Science

Tokyo, Japan

Apr. 2023 – Mar. 2027

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 – Jun. 2025

ExaWizards Inc.

Tokyo, Japan

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

Software Engineer Intern | *TypeScript, Python*

Nov. 2024 – Present

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 plugins for LibreChat using **JavaScript** and **LangChain** to facilitate easier prompting for everyday tasks with **RAG**, intended for use by NHK

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

ConnectWaseda | *TypeScript, Next.js, Python, Django, PostgreSQL*

Nov. 2024 – Present

- Developing a full-stack web application for events at Waseda in a team of 5
- Using **Django** to serve a REST API with **React.js** and **Next.js** as the frontend

Java Notebook | *TypeScript, React.js, Vite, Java, Spring Boot*

Feb. 2025

- Developed an online code editor and compiler for **Java**, **Python**, **C** and **C++**
- Used **Java Spring Boot** serving a REST API with **React.js** as the frontend

AtCoder Rating Comparer | *JavaScript, Node.js, Express.js, Docker, Puppeteer*

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

TECHNICAL SKILLS

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

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

Developer Tools: Git, Docker, GCP, AWS, Azure

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