

# Nobuhiro Oto

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**Primary Languages:** Java, JavaScript, TypeScript

## EDUCATION

### Waseda University

*Bachelors 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:** Frontend Team member at Google Developer Group on Campus Waseda, Member at Waseda Competitive Programming Circle

## EXPERIENCE

### Incoming Software Engineer Intern | *Kotlin*

*ExaWizards Inc.*

Mar. 2025 – Jun. 2025

*Tokyo, Japan*

- Set to develop the backend of AI applications with Kotlin in an all English team

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

*NAXA Co.*

Nov. 2024 – Present

*Tokyo, Japan*

- Developing the frontend of “subtitle generator” an automatic subtitle generator used in over 10 companies in the Television Industry with NextJS in TypeScript
- Developed new features such as Video Duplication and Audio Separation with OSS such as AudioSep and FlowSep with Python and PyTorch
- Developed plugins in LibreChat with JavaScript and LangChain for easier prompting for everyday tasks, that are to be used in NHK

### Backend Intern | *Java*

*Solution and Technology Co.*

Oct. 2024 – Nov. 2024

*Tokyo, Japan*

- Developed a prototype schema for the backend of “WiMS”, an office platform to support businesses’ HR and accounting operations with 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 and Next 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 as the frontend

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

Dec. 2024

- Used Web Scraping Technology with Puppeteer to create a Web Application to compare ratings on AtCoder, a competitive programming platform
- Built in a Docker environment for easier deploying on cloud services
- Used over 5000 times and featured on [AtCoder Clans](#); an unofficial blog for AtCoder

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

## TECHNICAL SKILLS

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

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

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

**Spoken Languages:** Japanese (Native), English (TOEFL score of 110/120)