Nobuhiro Oto

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

EDUCATION

Waseda University   Tokyo, Japan
Bachelors in Computer Science   *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*   Mar. 2025 – Jun. 2025
ExaWizards Inc.   *Tokyo, Japan*
- Set to develop the backend of AI applications with **Kotlin** in an all-English team

Software Engineer Intern | *TypeScript, Python*   Nov. 2024 – Present
NAXA Co.   *Tokyo, Japan*
- Developing the frontend of "subtitle generator" an automatic subtitle generator used in over 10 companies in the Television Industry with **Next.js** 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 with **RAG**, that are to be used in 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 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.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
- 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 deployment on cloud services
- Used over 5000 times 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)