

# Shungo Najima

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611 E State Street, Ithaca, NY 14850

## EDUCATION

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### Cornell University — College of Engineering

Ithaca, NY

*B.S. Computer Science (May 2023), M.Eng Computer Science (Dec 2023) | GPA: 3.7 | Dean's List Scholar*

**Relevant Courses:** Data Structures, Object-Oriented Programming, Functional Programming, Information Retrieval, NLP, Algorithms, Computer System Organization, Operating Systems, Computer Vision, Machine Learning

## WORK EXPERIENCE

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### Uber

San Francisco, CA

*Software Engineering Intern*

*May 2022 – Aug 2022*

- Developed a webhook proxy in Golang that emits metrics (time taken, success/failure, etc.) for every build created in the organization's CI tool (Buildkite), and built a dashboard displaying those metrics for easy data analysis

### Advisar AI (formerly All Vision Technologies)

New York City, NY

*Software Engineering Intern*

*Jun 2021 – Aug 2021*

- Designing 20+ REST API routes and relational database schemas to accelerate data labeling and analyzing by over 100 times
- Developed in FastAPI to create APIs for data manipulation and unsupervised learning on user-uploaded datasets that resulted in 30% growth in user volume on the platform

## ACTIVITIES & INVOLVEMENT

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### Cornell AppDev

Ithaca, NY

*Backend Developer & Course Instructor*

*Jan 2021 – Present*

- Developer for Cornell AppDev, an open-source project team powering apps that serve for thousands of users with members in Design, iOS, Android, Backend, and Marketing subteams
- Backend Developer (1.5 yrs): Developed Eatery, a dining hall menu app in Flask/GraphQL; and now developing Resell, a marketplace app in TypeScript/Express/routing-controllers
- Course Instructor (5 mos): Instructing CS 1998—the course on server-client architecture, database design, application deployment, containerization, and authentication

### Cornell College of Computing & Information Science

Ithaca, NY

*Course TA for CS 1112 - Introduction to Computing in MATLAB*

*Jan 2021 – Dec 2021*

## PROJECTS

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### Resell

[GitHub](#)

- Wrote a REST API in TypeScript/routing-controller that followed the Controller-Service-Repository pattern
- Facilitated deployment and conversation with frontend/design/PM as the lead backend engineer

### Manga Recs

[GitHub/Project](#)

- Led a 5-man team to develop a web app that recommends manga titles based on similar mangas and query keywords inputted
- Wrote a Flask, PostgreSQL backend and Sklearn/Word2Vec machine learning (IR/NLP) algorithms for the recommending system (TF-IDF weighting, Jaccard similarity, and word embeddings)

## SKILLS & INTERESTS

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**Languages:** Python, Java, OCaml, HTML/CSS/JavaScript, TypeScript, SQL, C++

**Frameworks & Tools:** Django, Flask, Node.js, GraphQL, Git, Docker, VS Code, Eclipse, Postman, PostgreSQL

**Interests:** [Baseball](#), [Piano](#)