

Jennie Lim

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EDUCATION

University of Minnesota, Twin Cities
Computer Science, B.S.

Minneapolis, MN
Sept '20 - May '24

- **GPA:** 3.89 / 4.00, Dean's List, Honors Program
- **Leadership:** Secretary, Association for Computing Machinery's Council on Women in Computing (ACM-W)
- **Relevant Courses:** Algorithms and Data Structures, Program Design and Development, Advanced Programming Principles, Machine Architecture and Organization, Introduction to Artificial Intelligence

SKILLS

Proficient in: Python, Java, C, OCaml, CSS, HTML

Experience in: React, Spring Boot, PostgreSQL, Jira, Git, Gradle, HTTP, C++, JavaScript, Assembly

EXPERIENCE

Software Engineer Intern, Allstate Insurance
React, Java

Remote
May '22 – Present

- Develop a **user interface in React** to capture and translate data for further processing used by **10,000+** internal employees which results in the extraction and storage of **5 TB** of external data
- Create a **REST API in Spring Boot** to communicate with user interface and backend storage systems
- Write **unit tests in Jest and Enzyme** to ensure code coverage and proper functionality

Student Web Developer, UMN Office of Information Technology
Drupal, HTML, CSS

Minneapolis, MN
Feb '22 – Present

- **Build new site** to transfer **100+ pages** of employee specific information from old site using Drupal
- Formulate templates and use CSS to **style pages** and for use by **450+ employees**
- Sustain and add new content to existing sites

Teaching Assistant, UMN College of Science and Engineering
Python

Minneapolis, MN
Jan '22 – Present

- Guide **250+ students** in Intro to Programming Concepts by assisting students with class content
- Lead 2 weekly lab sections of **30+ students** each and support student retention in CS
- **Code review** and provide feedback for 14 programming assignments and labs

PROJECTS

Portfolio Website

HTML, CSS, JavaScript <https://jennielim.github.io/>

- Developed a portfolio website, implementing animations and effects, housing detailed professional history: education, work/volunteer experience, projects, letters of recommendation, recognition, and awards.

Pantry

JavaScript, Java <https://github.com/jennielim/pantry>

- Built a full stack web application by creating a user interface in React, REST API in Spring Boot, and database in PostgreSQL. Pantry keeps track of the food in a pantry by allowing a user to see, sort, add, update, and delete items. Aided with Gradle, Git, HTTP, and Postman.

Recommender

OCaml <https://github.com/jennielim/recommender>

- Wrote a terminal application that takes in a database of items and user ratings to produce recommendations for the user using similarity ratings.