

# Sunny (Feiyang) Guan

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## EDUCATION

**Carnegie Mellon University, Pittsburgh, PA**

May 2025

B.S. in Computer Science, concentration in Machine Learning, **GPA: 4.0/4.0**

**Relevant courses:** Deep Learning, Distributed Systems, Parallel Algorithms, Computer Systems

## SKILLS

**Programming Languages:** Java, Python, C/C++, SQL, JavaScript/React.js/Vue.js

**Tools:** Spring Boot, ChatGPT, Pytorch, Numpy, MySQL/PostgreSQL, TailwindCSS, Redis, Nginx, Git, Linux

## EXPERIENCE

**Odoo Inc**

Jun 2023 - Present

*Full Stack Engineer Intern*

Project: Auto Tagging

- Integrated ChatGPT into Odoo CRM system, a framework empowered by **Python**, **PostgreSQL** and **Javascript**.
- Optimized customer service pipeline by enabling ChatGPT to categorize and tag incoming help tickets, leading to a **20%** increase in the number of tickets resolved per day.
- Fine-tuned ChatGPT using prompt engineering to improve tagging accuracy from 67% to **89.5%**.
- Collaborated with support teams to develop a data pipeline that automatically gathers and preprocesses the training dataset, ensuring the model remained up-to-date with the latest customer concerns.

**Carnegie Mellon University School of Computer Science**

Aug 2022 - Dec 2022

*Teaching Assistant*

- Led recitations and office hours for 15-112, a **Python** course with 500+ students.
- Crafted **Python scripts** to automatically monitor student attendance and send students feedback via email, leading to a 200-300% increase in productivity.

## PROJECTS

**Protigue Eats**

May 2022 - Aug 2022

- Developed an online food ordering web app featuring **RESTful Web Service**.
- Built the backend server with **Java** and **Spring Boot** framework.
- Implemented a Role Based Access Control system with **Spring Security** and **JWT**.
- Improved **MySQL** database connection speed by **Druid** datasource and developing efficiency with **MyBatis-Plus**.
- Reduced menu loading time by 43% with **Redis** caching popular meals.

**Portfolio website** (link: <https://sguan.netlify.app> )

Sep 2022 - Present

- Built a **responsive** portfolio website based on **React.js** and deployed on Netlify.
- Implemented the website as a Single Page Application to reduce loading time by 50-60% with the aid of **React-Router**.
- Ensured a uniform design style on both computers and mobile devices by using **TailwindCSS**.
- Beautified the webpages with animation and light/dark themes, resulting in a 15% increase in user satisfaction.