

# STEPHANIE CHEN

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🌐 <https://sijun2019.pythonanywhere.com/>

## Education

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### Oregon State University

*Bachelor of Science in Computer Science (GPA: 3.8)*

**Corvallis, OR**

*Graduation Date: June 2023*

### University of Houston

*Master of Science in Accounting*

## Technical Skills

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**Languages:** JavaScript, Python, C, Typescript

**Front-end** React, Bootstrap

**Back-end:/DB:** Express.js, Django, SQL, MongoDB, Flask

## Experience

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### Enterbridge

*Software Engineer*

**Richmond, VA**

*Jul 2022 – Nov 2022*

- Developed a scalable scraping application backend and data pipeline using Scrapy and Python to extract product information from a diverse range of online retail stores.
- Built and optimized an Azure Cosmos DB for efficient and reliable storage of scraped data.
- Implemented Azure Functions using Python and SQL to validate and ensure data integrity within the database.
- Refactored approximately 1000 lines of code to meet the client's delivery requirements, improving code readability, performance, and maintainability.
- Actively participated in daily scrum meetings and sprint planning sessions, collaborating with the team to prioritize tasks, address challenges, and deliver results in an agile environment.

### Omniceil

*Software Engineer Intern*

**Mountain View, CA**

*May 2022 – Jul 2022*

- Conducted comprehensive data analysis using Python, matplotlib, and Pandas to analyze revenue data for the finance team. Identified key trends, patterns, and insights to support informed decision-making and revenue optimization strategies.
- Developed and drafted technical documents, including code style guides and a comprehensive user manual. The code style guides improved code quality and consistency across the team, while the user manual facilitated efficient onboarding and knowledge sharing.

### Arlo Technologies, Inc

*Cost Accounting Manager*

**San Jose, CA**

*Jun 2018 – May 2021*

- Led the cost splitting process for Arlo when it spun off from Netgear during its IPO launch, ensuring accurate allocation of costs between the two entities.
- Conducted meticulous reconciliation of various system reports, proactively identifying and rectifying errors to maintain data accuracy and integrity in the cost area.

## Projects

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### Personal Website (<https://sijun2019.pythonanywhere.com/>)

- Designed and developed a personal portfolio using Django for the backend, complemented by a front-end built with HTML, CSS, and Bootstrap.
- Hosted on PythonAnywhere with continuous improvements managed through Git.

### AI Chatbot

- Developed an AI chatbot using the BlenderBot-400M-distill model with 400 million parameters, optimized for local PC (CPU-only) setups.
- Implemented the backend using Flask and integrated the AI model using Hugging Face, providing robust conversational capabilities..
- Designed and built the front-end using Python, HTML, CSS, and JavaScript, ensuring a user-friendly interface.