

# Zixiang (Sean) Wang

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## EDUCATION

<b>Syracuse University</b> Master of Science - MS, Computer Science	Syracuse, NY	Aug 2021 - May 2023 GPA: 3.5/4.0 (Core)
<b>Hefei University of Technology</b> Bachelor of Science - BS, Computer Science	Hefei, Anhui, China	Sep 2017 - Jun 2021

## TECHNICAL SKILLS

<i>Languages:</i>	Java, Python, C/C++, C#, Kotlin, SQL, JavaScript, HTML, XML, Shell, Markdown
<i>Frameworks:</i>	Spring, Django, React, AWS, Microsoft Azure, GCP, Firebase, Jenkins, GitHub Actions, Docker, CI/CD, Android, Numpy, PyTorch, Nginx, Jekyll, Tkinter, Qt, Linux, Git

## EXPERIENCE

**Microsoft (Contractor, hired through iSoftStone)   Software Engineer   Plano, TX   Jul 2023 - Present**

- Developed several **Microsoft AI** projects as Microsoft vendor, e.g. Accessibility AI (AltNaria), WMC, etc.
- Implemented **Computer Vision**, **NLP**, and **Machine Learning** models to generate insights from data.
- Utilized services and APIs from **Microsoft Azure** to build **RESTful** APIs for the projects, e.g. OpenAI, Computer Vision, Cognitive Services, Key Vaults, Function App, App Registrations, SQL Databases, etc.
- Fetched and processed data with **Python** and feed them into **OpenAI** models, run **Regression Test** with different Models, Prompts, Temperature, Top Probability, Best of N.
- Built a **CI/CD** pipeline on **GitHub** to automate deploy the project to **Microsoft Azure** function app.
- Version control with **Git** and **GitHub**, and **Agile** development with **Jira**.

**iSoftStone   Software Engineer Intern   Shenzhen, China   Jul 2020 - Sep 2020**

- Developed **back-end APIs** for **data visualization** platform named **A-Data**.
- Designed and developed **RESTful** API for authentication and data portal module with **Spring** and **Java**.
- Created **Threads** with **Asynchronous Programming** to improve performance.
- Built storage system with **MySQL** and **XML**.
- Implemented **Navicat** to manage database, and used **Postman** for testing API.
- Tracked changes with **SVN** and deployed project with **Jenkins** on server.

## PROJECT

**Auto TBOX Data System   Spring, Java, React, JavaScript, Python, MySQL   Oct 2020 - June 2021**

- Developed **full-stack** website for vehicles faults **data analysis** and **visualized** for a **Fortune 500** corp.
- Devised and constructed **RESTful** API for 12 modules with **Spring** and **Java**.
- Set up **MySQL** on **VPS** and using **Navicat** to manage database, and **Postman** for testing API.
- Developed front-end website with **React**, **JavaScript**, **HTML** and **CSS** visualized real-time statistics, trending, distribution, etc.
- **Collated** and **analyzed** vehicles faults data fetch by API interface with **Python**.
- Deployed system on **Nginx** server, and built a **web crawler** with **Python** fetching vehicles configurations for a better presentation.