

Zixiang (Sean) Wang

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EDUCATION

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

TECHNICAL SKILLS

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|--------------------|---|
| <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.
- Developed **RESTful APIs** with **Python** and built Web UI with **React**, **JavaScript**, **HTML** and **CSS**.
- 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.