Zixiang Wang

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EDUCATION

Syracuse University   Syracuse, NY   Aug 2021 - May 2023
Master of Science - MS, Computer Science   GPA: 3.5/4.0 (Core)

Hefei University of Technology   Hefei, Anhui, China   Sep 2017 - Jun 2021
Bachelor of Science - BS, Computer Science

EXPERIENCE

Microsoft (Vendor, via iSoftStone)   **Software Engineer**   Plano, TX   Jul 2023 - Present

- Developed customer websites for **Microsoft OneCloud** team, created new components, fixed core logic errors and UI/UX issues, built automation and investigation tools, and updated outdated documents.
- Developed the core of framework and **RESTful API** with **Java** for **Adobe Experience Manager (AEM)**, built components with **HTML**, **CSS** and **JavaScript** for Reimagine, worked with designers on **Figma**.
- Developed Accessibility AI tools with **Python**, implemented **Machine Learning** and **NLP** models to generate insights with **OpenAI**, **AltTextAI** and other **Cognitive AI** tools, implementing **multi-threading**, resulting in 800% improvement in avg.
- Constructed **CI/CD** pipelines on **GitHub** to automate deployment to **Microsoft Azure Cloud** services, including **Function App** and **Static Web Apps**.
- Utilized version control with **Git**, and employed **Agile** development methodologies within **Azure DevOps**.

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.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, Kotlin, SQL, HTML, CSS, JavaScript, XML

Frameworks: Spring Boot, Django, React, AWS, Microsoft Azure, Azure DevOps, GCP, Firebase, Jenkins, GitHub Actions, Docker, CI/CD, Android, PyTorch, Nginx, Qt, Linux, Git