

Zixiang Wang

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EDUCATION

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

EXPERIENCE

Google	Software Engineer	Mountain View, CA	Nov 2024 - Present
<ul style="list-style-type: none">Designed and implemented backend infrastructure for the next-generation Google Analytics and Ads platform, working with the top x largest datasets in the company.Developed scalable pipelines for real-time and streaming data processing, utilizing C++ and Python to ensure high throughput and low latency for big data workflows.Built robust infrastructure to support advanced modeling and prediction capabilities, enabling data-driven insights and informed decision-making.Partnered with cross-functional teams to deliver actionable insights and decision-making data through a highly scalable and efficient infrastructure.			
Microsoft (Vendor, via iSoftStone)	Software Engineer	Remote	Jul 2023 - Oct 2024
<ul style="list-style-type: none">Developed and implemented web components for Microsoft's OneCloud team, using JavaScript, CSS, HTML, and Figma. Additionally, contributed to the ReimagineUI library through the creation of new components, sample use cases, and updating outdated documents.Deployed UI components to Adobe Experience Manager (AEM), featuring updates to the core framework, policy, component templates, and dialogs using expertise in Java, C#, and XML.Pioneered the development of Accessibility AI tools using Python. Implemented Machine Learning and NLP models to generate data insights using OpenAI and AltTextAI. Enhanced implementation with multi-threading, leading to a 300% increase in average efficiency.Scripted in Python for automated data validation and narrative generation across diverse sources.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
<ul style="list-style-type: none">Developed robust back-end APIs for data visualization platform named A-Data.Designed and developed RESTful API for authentication and data portal module using Spring and Java.Applied Asynchronous Programming to create threads, effectively boosting overall performance.Devised a storage system utilizing MySQL and XML, ensuring seamless data management.Leveraged Navicat for proficient database management and Postman for meticulous API testing.Tracked changes with SVN and executed project deployment on servers via Jenkins. on server.			

TECHNICAL SKILLS

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