Zixiang Wang

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EDUCATION

Syracuse University   Syracuse, NY   Aug 2021 - May 2023(expected)
Master of Computer Science

Hefei University of Technology「合肥工業大學」   P.R.China   Sep 2017 - Jun 2021
Bachelor of Computer Science

RELATED SKILLS

Programming Languages: Python, Java, C/C++, SQL, C#, HTML, JavaScript, CSS, Shell, XML, Markdown, LaTeX

Frameworks & Tools: Spring, Django, React, MySQL, SQLite, Linux, Git, GitHub Actions, Jenkins, Docker, ASP.NET, Qt, VPS, Nginx, MkDocs, Tensorflow, Jekyll

EXPERIENCE

Software Engineer Intern   iSoftStone Inc.   Spring, Java, MySQL   Jul 2020 - Sep 2020

Developed **back-end** *interface for* **data visualization** *platform serves inside the company.*

- Designed and developed **RESTful** API for user authority and data portal module using **Spring** and **Java**.
- Created **Threads** using **Asynchronous Programming** to improve the performance.
- Built the storage system with **MySQL** and **XML**.
- Implemented **Navicat** to manage the database, and used **Postman** for testing the API.
- Tracked changes with **SVN** and deployed the project with **Jenkins** on the server.

PROJECTS

Auto TBOX Data System   Spring, Java, React, JavaScript, Python, MySQL   Nov 2020 - Jun 2021

Developed **full-stack** *websites for vehicles faults* **data analysis** *and* **visualization** *for a* **Global 500** *corporation.*

- **Collated** and **analyzed** vehicles faults data fetch by API interface using **Python** and some libraries.
- Designed and developed **RESTful** API for a total of 12 modules with **Spring** and **Java**.
- Developed front-end websites using **React** and **JavaScript** with **Material-UI** as a template, which were graphically presented analyzed results like trending, distribution, real-time statistics, etc.
- Set up **MySQL** on **VPS** and using **Navicat** to manage the database, and **Postman** for testing the API.
- Built a **web crawler** with **Python** fetching vehicles configurations for a better presentation.

Airline Ticket System   Django, Python, HTML, CSS, SQLite3   Aug 2020 - Nov 2020

Developed **full-stack** *websites for airlines to sell their tickets.*

- Designed and developed **RESTful** API for tickets, users and admin modules with **Django** and **Python**.
- Developed front-end websites using **HTML** and **CSS**, and using post method to use the API.
- Implemented **SQLite3** and use **Navicat** to manage the database.
- Deployed the system with **Nginx** on **VPS** for the presentation.

lib-hfut   Python, MkDocs, Shell, GitHub Action   May 2019 - Present

Built the **websites** *with tools and* **continuous integration** *the repository of HFUT's library.*

- Developed scripts with **Python** to create README files for each folder (subjects).
- Implemented **MkDocs** commands to build the websites from README files.
- Deployed the library using **GitHub Action** pipeline to build the latest websites when new commit occurs.
- **Collaborated** closely with other contributors, and received more than **150 Stars** on **GitHub**.