

Zixiang (Sean) Wang

(315)-965-6606 | wangtzuhsiang@gmail.com | LinkedIn.com/in/zixiangwang/ | GitHub.com/DolorHunter

EDUCATION

Syracuse University M.S. in Computer Science	Syracuse, NY	Aug 2021 - May 2023
Hefei University of Technology B.S. in Computer Science	China	Sep 2017 - Jun 2021

TECHNICAL SKILLS

Languages: Python, Java, C/C++, Kotlin, SQL, JavaScript, HTML, XML, Shell, Markdown, LaTeX
Frameworks: Spring, Django, React, AWS, GCP, Firebase, Jenkins, GitHub Actions, Docker, Android, Numpy, PyTorch, Nginx, MkDocs, Jekyll, Tkinter, Qt, Linux, Git

EXPERIENCE

Software Engineer Intern	iSoftStone	Spring, Java, MySQL	Jul 2020 - Sep 2020
<i>Developed back-end APIs for data visualization platform serves inside company.</i>			
<ul style="list-style-type: none">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
<i>Developed full-stack website for vehicles faults data analysis and visualization for a Fortune 500 company.</i>	
<ul style="list-style-type: none">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, visualized real-time statistics, trending, distribution, etc.Collated and analyzed vehicles faults data fetch by API interface with Python.Built a web crawler with Python fetching vehicles configurations for a better presentation.	
Airline Ticket System	Django, Python, HTML, SQLite3, CSS
<i>Developed full-stack website for airlines to sell their tickets, focused on back-end and deployments.</i>	
<ul style="list-style-type: none">Designed and developed RESTful API for tickets, users and admin modules with Django and Python.Deployed system with Nginx server on VPS for presentation.Built front-end website with HTML and CSS, and using post method to call API.Implemented SQLite3 and use Navicat to manage database.	
Notepad	C/C++, Qt, RegExp
<i>Developed a Qt Notepad IDE to highlight C++ keywords, or any keywords you like.</i>	
<ul style="list-style-type: none">Created Bloom Filter started from a Bit Filter of char array of length 875, can hold up to 700 keywords.Set-up total of 10 Hash function to lower the mismatch-tolerant under 0.1%.Import highlight keywords from local files, making it mutable to build up your own keywords library.Developed with some Qt Widget, capture words with RegExp, and derived QSyntaxHighlighter class for highlighting keywords as blue.Implemented some basic functions as a Notepad like new, open, save, exit and copy, paste, cut, undo, redo.	