

# ZIXIANG WANG

(315)-965-6606 | Syracuse, NY | wangtzuhsiang@gmail.com | LinkedIn | GitHub | dolorhunter.com

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## EDUCATION

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|---|--------------|-------------------------------|
| <b>Syracuse University</b><br>Master of Computer Science              | Syracuse, NY | Aug 2021 - May 2023(expected) |
| <b>Hefei University of Technology</b><br>Bachelor of Computer Science | P.R.China    | Sep 2017 - Jun 2021           |

## EXPERIENCE

|   |                                      |             |
|---|--------------------------------------|-------------|
| <b>Software Engineer Intern</b>   | iSoftStone Inc., Shenzhen, P.R.China | Summer 2020 |
| <ul style="list-style-type: none"><li>Developed back-end interface for data analysis and visualization platform</li><li>Completed development tasks of user authority module</li><li>Helped spot and debug data portal before product launch</li><li>Collaborated closely with others and consistently beat deadlines</li></ul> |                                      |             |

## RELATED SKILLS

|                    |  |
|--------------------|--|
| <i>Languages:</i>  | Python, Java, C/C++, SQL, XML, HTML, Javascript, CSS, JSON, Shell, LaTeX, Markdown |
| <i>Frameworks:</i> | Spring, React, Django, Qt, Tensorflow, Jekyll                                      |
| <i>Tools:</i>      | Linux, Nginx, Git, SVN, Postman, Navicat, Maven, Crawler, Photoshop                |

## PROJECTS

|   |                               |                      |
|---|-------------------------------|----------------------|
| <b>Auto TBOX Data System</b>  | Spring, React, Python, MySQL  | Nov 2020 - June 2021 |
| <ul style="list-style-type: none"><li>Collated and analyzed vehicle fault data fetch by API interface</li><li>Stored collated data and analyzed result to database</li><li>Developed back-end interface and front-end pages for websites</li><li>Graphical presented analysis results(trend, distribution, real-time statistics, etc.) on web front-end</li></ul>   |                               |                      |
| <b>Image Retrieval System Based on NLP</b>  | Python, Pytorch, Django, Java | May 2019 - Apr 2020  |
| <ul style="list-style-type: none"><li>Developed Image Retrieval System with Neural Image Caption (NIC) and Text Vectorization</li><li>Trained the model and scored 28 on BLEU-4 when the beam search size was 1; scored 30 when size was 3; and scored 23.5 with teacher forcing</li><li>Designed user interface for web and mobile applications</li><li>Oral presenter and secondary author of the paper</li></ul> |                               |                      |

## HONORS AND AWARDS

|  |             |
|--|-------------|
| HFUT Undergraduate Innovation and Entrepreneurship Training Programs         | 2019 - 2020 |
| Academic Progress Scholarship  | 2017 - 2019 |
| 2 <sup>nd</sup> Place of HFUT Undergraduate Mathematical Contest in Modeling | Jul 2019    |
| Honorable Mention at Chinese Collegiate Computing Competition in Anhui       | May 2019    |

## TEACHING EXPERIENCE

|  |                                |                      |
|--|--------------------------------|----------------------|
| <b>Choir Teacher</b>   | Hefei University of Technology | Sep - Oct 2017, 2018 |
| <ul style="list-style-type: none"><li>Managed classes up to 50 students and maintained a positive training environment</li><li>Built trust and community via clear and timely communication with students</li><li>Assisted in winning 2<sup>nd</sup> and 1<sup>st</sup> place in College Choir Competition</li></ul> |                                |                      |

## VOLUNTEER EXPERIENCE

|   |                   |          |
|---|-------------------|----------|
| <b>Marathon Volunteer</b>   | Xiamen, P.R.China | Jan 2015 |
| <ul style="list-style-type: none"><li>Provided supplies and directions to athletes and general public</li><li>Maintained order and cleaned up</li></ul> |                   |          |

## ADDITIONAL CURRICULAR ACTIVITIES

|   |                    |
|---|--------------------|
| Active Contributor of V2Fly Organization              | Dec 2019 - Present |
| Founder of lib-hfut Organization                      | Mar 2019 - Present |
| Technology Blogger on dolorhunter.com                 | Oct 2018 - Present |
| Member of Choir Team of Campus Students' Art Troupe   | 2017 - 2019        |
| 50-kilometer Trail Walker, Hefei City, Anhui Province | Dec 2017           |