

# ZIXIANG WANG

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## EDUCATION

**Hefei University of Technology** P.R.China Sep 2017 - Jun 2021  
Bachelor of Computer Science and Technology

## EXPERIENCE

**Software Engineer Intern** iSoftStone Inc., Shenzhen, P.R.China Summer 2020

- Developed back-end interface for data analysis and visualization platform
- Completed development tasks of user authority module
- Helped spot and debug data portal before product launch
- Collaborated closely with others and consistently beat deadlines

## PROJECTS

**Auto TBOX Data System** Spring, React, Python, MySQL Nov 2020 - June 2021

- Collated and analyzed vehicle fault data fetch by API interface
- Stored collated data and analyzed result to database
- Developed the back-end interface and front-end pages
- Graphical presented analysis results(trend, distribution, real-time statistics, etc.) on web front-end

**Image Retrieval System Based on NLP** Python, Pytorch, Django, Java May 2019 - Apr 2020

- Developed Image Retrieval System with Neural Image Caption (NIC) and Text Vectorization
- 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
- Designed user interface for web and mobile applications
- Oral presenter and secondary author of the paper

## TEACHING EXPERIENCE

**Choir Teacher** Hefei University of Technology Sep - Oct 2017, 2018

- Managed classes up to 50 students and maintained a positive training environment
- Built trust and community via clear and timely communication with students
- Assisted in winning 2<sup>nd</sup> and 1<sup>st</sup> place in College Choir Competition

## 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

## RELATED SKILLS

*Languages:* Python, C/C++, Java, HTML, Javascript, CSS, SQL, C#, XML, JSON, Shell, LaTeX, Markdown, Verilog, Assembly, MATLAB  
*Tools:* Spring, React, Qt, ASP.NET, Maven, Django, Tensorflow, Nginx, Git, SVN, Postman, Navicat, ufw, Jenkins, Docker, Jekyll, Web Crawling, Photoshop

## VOLUNTEER EXPERIENCE

**Marathon Volunteer** Xiamen, P.R.China Jan 2015

- Provided supplies and directions to athletes and general public
- Maintained order and cleaned up

## 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