

ZIXIANG WANG

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EDUCATION

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

EXPERIENCE

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

- Developed backend 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

RESEARCH PROJECTS

Image Retrieval System Based on NLP Python, Pytorch, Django, Java 2019 - 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

Contribution: Project member, oral presenter and secondary author of the paper

Airport Taxi Decision Support System Python, Web Crawlers Sep 2019

- Crawled and analyzed big data from the Internet
- Applied Queuing theory and created an algorithm with 80% accuracy for pilots to maximize profit

Contribution: Project leader and primary author of the paper

Predict Future Plants Python, Tensorflow Jun 2019

- Built Convolutional Neural Network (CNN) and trained the model with images

Contribution: Project leader and primary author of the paper

TEACHING EXPERIENCE

Choir Teacher Hefei University of Technology Sep - Oct 2018

- Built trust and community via clear and timely communication with students
- Assisted in winning 1st place in College Choir Competition

Choir Teacher Hefei University of Technology Sep - Oct 2017

- Managed classes up to 50 students and maintained a positive training environment
- Guided in winning 2nd place in College Choir Competition

HONORS AND AWARDS

HFUT Undergraduate Innovation and Entrepreneurship Training Programs 2019 - 2020
Academic Progress Scholarship 2017 - 2019
2nd 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, SQL, HTML, Javascript, CSS, C#, XML, JSON,
Shell, LaTeX, Markdown, Verilog, Assembly, MATLAB
Tools: Spring, Qt, ASP.NET, Maven, Django, Git, SVN, Postman, Navicat, ufw,
Nginx, Jenkins, Docker, Jekyll, Tensorflow, 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