

Yujin Wang

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ACADEMIC BACKGROUND

Yunnan University, Yunnan, China 08/2019-06/2022

National Pilot School of Software

- Master of Engineering in Software Engineering
- GPA: 3.47/4.0
- Research of Interests: AI, computer vision, deep learning, image recognition
- **Strengths:** Proficient in Python, Java, C, C++, Pytorch, Tensorflow, Django, macOS, Linux, rich engineering project experience, algorithm design and optimization

QILU University of Technology (SHANDONG ACADEMY OF SCIENCES), Shandong, China 09/2015-06/2019

School of Computer Science and Technology

- Bachelor of Technology in Computer Science and Technology
- GPA: 3.19/4.0
- Course Highlights: *Advanced Mathematics, Data Structures, Introduction to Algorithms, Artificial Intelligence*
- Graduation Design: Analysis platform of College Students' Employment Based on Hadoop and sklearn

PATENT

Semantic Synthesis of Visual Images (Application number: 202110320523.4) 03/2021

PUBLICATION

- **Yujin Wang**, Cheng Xie, Beibei Yu, Hongxin Xiang, Qing Liu. *Attribute and Graph Semantic Reinforcement based Zero-Shot Learning for Image Recognition*. Journal of Graphics. (accepted)
 - Significantly increased the effect of Zero-shot learning by using knowledge graph and generative adversarial network (GAN) composite architecture
 - Solved the problem of the lack of unseen semantic features and synthesis of unseen visual features by designing a Zero-shot learning model that combines attribute and graph semantic to improve the recognition accuracy by an average of 9.4% on the four benchmark datasets. (SUN, AWA, CUB, aPY)
- Beibei Yu, **Yujin Wang**, Hongxin Xiang, Cheng Xie. *Transfer Visual Semantics into Knowledge Graph for Zero-Shot Recognition in Universal Datasets*.
 - Significantly increased the effect of zero-shot learning by using knowledge map and generating adversarial network composite architecture
- Bochen Pan, **Yujin Wang**, Ruming Zhong. Recognizing Birds by Image Recognition.
- **Yujin Wang**, Jing Zhang, Bohua Peng, Xudong Zhang, Yimeng Zhuang, Song Liu. SRCB at SemEval-2022 Task 5: Pretraining Based Image to Text Late Sequential Fusion System for Multimodal Misogynous Meme Identification. NAACL 2022

COMPETITIONS

Team Leader, China Collegiate Computing Contest -Network Technology Challenge 08/2020-10/2020

- Focused on hot topics in society and designed solutions based on knowledge about software-defined network, Internet of Things, industrial Internet, network security, network intelligence, cloud computing, and network data analysis
- Provided the effective solution to the CSRF safety check problem in Django
- Collected helpful references online to handle the difficulties brought by Django 2.2 version and succeeded in solving the issues by downgrading

Team Leader, The 13th Software Innovation Contest

11/2019-08/2020

- Gained more understandings of quick app technology
- Realized the logical code of the application, trained the quick app deep learning model (including image generation and style transfer), and did the quick app interaction between server and logical code
- Managed the team successfully by handling difficulties during the COVID-19 pandemic, accelerating the working process, and enhancing the team collaboration

Leading Participant, Shandong Undergraduate Software Design Contest 2017-2018

- Collaborated with team members to accomplish the projects Big Data Analysis and Mining for Student Employment Recommendation
- Learned and applied crawler techniques to get enterprise recruitment information and employment information data
- Cleaned data sets and built the Hadoop platform
- Contributed to the project by flexibly using crawler techniques of Python and skills related to Hadoop, MapReduce, Hive database, Naive Bayes model, etc.

Leading Participant, Shandong Undergraduate Software Design Contest 2016-2017

- Designed a new-style sports social Android application which is cloud-based
- Built the front homepage of Android and realized the friend module and friend address book
- Increased practical skills related to Android significantly and realized my ideas of application making with my accomplished application

WORK EXPERIENCE

Samsung Research China-Beijing Language Intelligence Team AI Engineer 07/2022-08/2022

- Responsible for the Multimodal Reading Comprehension (MRC) Project
- Cooperation in Samsung Research India for MMI project

INTERNSHIP

Samsung Research China-Beijing 12/2021-05/2022

- Responsible for the installation and configuration of servers
- Development and installation of monitoring equipment software in server room

State Grid Corporation of China 06/2016-08/2016

- Responsible for the installation and configuration of servers
- Development and installation of monitoring equipment software in server room

AWARDS & HONORS

CodaLab: ACL SemEval-2022 Task-5 Multimedia Automatic Misogyny Identification	Winner	01/2022
Wechat Big Data Challenge Competition(Prediction of user interaction behavior, Ranking 170/2050)		06/2021
Graduate Student First-Class Academic Scholarship of Yunnan University		12/2020
First Place (Team) of Basketball Competition of National Pilot School of Software at Yunnan University		12/2020
First Prize (National Level) & Most Entrepreneurial Value Award of C4-Network Technology Challenge		10/2020
Volunteer Certificate of National Food Safety Technology Conference		10/2020
Second Prize (National Level, ranked 5/502) of the 13th Software Innovation Contest		08/2020
Participant of 2019 International Conference on E-Business Engineering		10/2019
Volunteer Certificate of CHINA GRAPHICS'2019		08/2019
Third Prize (Province Level) of Shandong Undergraduate Software Design Contest		10/2018
The Honor of Innovative Scientific and Technological Talent of QILU University of Technology		01/2018
National Endeavor Scholarship		10/2017
First Prize (Province Level, 50/2000) of Shandong Undergraduate Software Design Contest		10/2017
Second-Class Academic Scholarship of QILU University of Technology		10/2016

Third Place of Long Jump of Sports Meeting of QILU University of Technology

09/2016

First Place (Team) of Freshman Cup Sports Meeting of QILU University of Technology

10/2015

ADDITIONAL INFORMATION

Language Skill: Chinese (native), English (fluent)

Interests/Hobbies: Basketball, Chinese chess, Calligraphy, Code