

Jiashuo CAO

PERSONAL DATA

PLACE AND DATE OF BIRTH: Chengdu, China | 27 Aug 1996
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EDUCATION

2014-2018 B.E. in COMPUTER SCIENCE AND TECHNOLOGY
Chengdu University of Information Technology, Chengdu
School of Computer Science
GPA: 3.24/5.0 AVERAGE SCORE: 83.5
RANKING: 20/131

Modules Include: C/C++ Programming, Java Programming, Computer Network
Linear Algebra, Discrete Mathematics, Numerical Analysis

HONORS & AWARDS

- 2018 **Excellent graduation thesis**, Chengdu University of Information Technology
The Third Prize Scholarship(top 17%), Chengdu University of Information Technology
- 2017 **National Scholarship (top 1%)**, Chengdu University of Information Technology
Honorable Mention, Interdisciplinary Contest In Modeling

PUBLICATIONS

3. Wu, Q., Wang, S., **Cao, J.**, Yu, C., Wang, M., & Yin, Y.
Object recognition-based second language learning educational robot system for Chinese preschool children.
Published in IEEE Access.
2. Wu, Q., Wang, S., Wang, J., **Cao, J.**, Huang, X. Y., & Liang, R. H.
MagicPAPER: An Integrated Shadow-Art Hardware Device Enabling Touch Interaction on Paper.
Published in DIS'18.
1. Wu, Q., **Cao, J.**, Zhou, C., Huang, J., Li, Z., Cheng, S. M., ... & Pan, G.
Intelligent Smoke Alarm System with Wireless Sensor Network Using ZigBee.
Published in Wireless Communications & Mobile Computing, 2018, 32.

RESEARCH EXPERIENCE

- Jun. 2018 - PRESENT: **Language Learning Educational Robot System**
Chengdu University of Information Technology | Interactive Media Studio
- With: Qin Wu, Sirui Wang
- Developed object recognition module. Designed user experiments
- Jul. 2017 - May. 2018: **Easy Machine Learning**
Chinese Academy of Sciences | Institute of Computing Technology
- With: Jun Xu, Xinjie Chen, Dong Huang
- Github: [EasyML](#)
- Implemented some classic machine learning algorithms by Scala. Designed and developed data visualization module.
- May. 2017 - Aug. 2017: **Magic Paper**
Chengdu University of Information Technology | Interactive Media Studio
- With: Qin Wu, Sirui Wang, Jiayuan Wang
- Developed a color based object tracking system by Python.
- Oct. 2016 - Apr. 2017: **Intelligent Smoke Alarm System**
Chengdu University of Information Technology | Interactive Media Studio
- With: Qin Wu, Chuang Zhou, Ji Huang
- WebLink: [Interactive Media Studio](#)
- Designed the implementation of System. Implemented Random Forest by Python. Developed data visualization web to display the air condition in real time. Designed and implemented the effectiveness test of System. Wrote paper publication.
- Jul. 2016 - Aug. 2016: **Summer School**
National University of Singapore | School of Computer Science
- Implemented some cluster algorithms by R.

SKILLS

- Programming** Python, Java, C/C++, JavaScript, PHP, HTML5, MySQL
- Platforms** Unity3D, Arduino, Jupyter, Echarts, Apache Ambari
- Language** IELTS: overall: 7
Listening: 7.5 | Reading: 8.5 | Speaking: 5.5 | Writing: 5.5

REFERENCES

- Jun Xu** Professor, Renmin University of China, School of Information
Email: junxu@ruc.edu.cn
- Yongqing Zhang** Associate Professor, Chengdu University of Information Technology, School of Computer Science
Email: zhangyq@cuit.edu.cn
- Qin Wu** Lecture, Chengdu University of Information Technology, School of Computer Science
Email: wuqin@cuit.edu.cn