

Zhengyu Wu

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EDUCATION

Shanghai Jiao Tong University (SJTU)

Sep. 2015 to Jun. 2020 (expected)

School of Electronic Information and Electrical Engineering

- B.S. Software Engineering
- Major GPA: 3.7/4.3

AREAS OF INTEREST

Human-Computer Interaction, Natural Language Processing, Computer Vision

PUBLICATIONS

X. Li, **Z. Wu**, T. Han. Gamification-based VR Rowing Simulation System. Human-Computer Interaction International (HCII) 2019 (Accepted)

Z. Wu, L. Lin, Z. Xue. A Novel Sybil Attack Detection Scheme Based on Edge Computing for Mobile IoT Environment. Science China Journal (Submitted)

X. Li, **Z. Wu**, Y. Sun. A Method to Diagnose Discoid Lateral Menisci on Radiographs Using Image Processing Tools and Machine Learning. Knee Surgery, Sports Traumatology, Arthroscopy (Submitted)

RESEARCH EXPERIENCE

Detecting Sybil Attack in Mobile IoT

Oct. 2016 to Oct. 2017

Supervised by Prof. Ruihui Ma (SJTU)

- Team leader in this project
- Propose a novel detection scheme based on RSSI against Sybil attack in IoT

A Novel Model for Visual Question Answering

Apr. 2018 to Present

Supervised by Prof. Ruhui Ma (SJTU) and Prof. Yang Hua (Queen's University Belfast)

- Cooperate with Intel engineers
- Design a GAN-based VQA model inspired by unsupervised language translation

HONORS & AWARDS

Wish Company Scholarship (**Top 2%**) 2018

Academic Excellence Scholarship of Shanghai Jiao Tong University (**Top 10%**) 2016&2018

Excellent Student Cadre of Shanghai Jiao Tong University (**Top 0.5%, twice**) 2016&2017

National Second Prize in Mathematical Contest in Modeling (**Top 5%**) 2017

4th Place in Odyssey of the Mind Competition Finals in Iowa, USA 2018

MISCELLANEOUS

Social work

- President of Building Management Committee in SJTU, Class Monitor

Skills

- Computer Skills: C++/C, Python, SQL, JavaScript
- Standardized Tests: TOFEL: 95, GRE: V: 152, Q: 169, AW: 3