

Jiahao Liu

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EDUCATION

School of Electronics and Information, Tongji University

Sep 2014 - present

B.E. in Computer Science and Technology

Overall GPA: 90.5/100 Ranked 16/113

Major GPA: 93.4/100 Ranked 5/113

TOEFL: Total 107 (Reading 30, Listening 29, Speaking 23, Writing 25)

RESEARCH EXPERIENCES

Big Data and Social Computing Lab | University of Illinois at Chicago | Research Intern

Aug 2018 - present

Advisor: Philip S. Yu, Professor at the University of Illinois at Chicago, ACM and IEEE Fellow

- Researched on multi-view brain networks analysis.
- Used Siamese Network architecture and Graph Convolution Network (GCN) for learning embedding of structural and functional brain networks.
- Proposed a community-preserving loss function to learn meaningful brain network embedding with better performance on classification tasks.

PROJECT EXPERIENCE

Tongji University Zeal Eco-Power race car team

Jul 2015 - Jul 2017

- Leader of the electronics and control group
- Developed a real-time monitor system (based on STM32) for the racing car to collect relevant data through sensors
- Developed an embedded network system based on CAN (Controller Area Network)
- Designed a reliable power source and circuit for the embedded system
- Gave talks about embedded system design at Tongji University and Shanghai High School
- Won the 3rd prize in Japan Honda Energy-Saving race (3/200+)

HONORS AND AWARDS

- Mathematical Contest In Modeling (MCM) Meritorious Winner (top 12%) Aug 2018
- ENN Energy Scholarship Dec 2018
- Tongji Excellent Student Scholarship Dec 2017

SKILLS

Programming Languages: C/C++, Python, Matlab, PHP

Deep Learning Framework: Caffe, PyTorch

Mechanical Design: AutoCAD, SolidWorks