Qiucheng Wu
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EDUCATION

University of Michigan   **Ann Arbor, MI**
Masters of Computer Science and Engineering   *September 2019 - Present*
GPA: 3.94/4.0
Bachelor of Computer Science in Engineering   *September 2017 - May 2019*
GPA: 3.93/4.0, summa cum laude

Shanghai Jiao Tong University   **Shanghai, China**
Bachelor of Electrical and Computer Engineering   *September 2015 - August 2017*

RESEARCH EXPERIENCE

- **Landmark Recognition in Vision Language Navigation**   *Jan. 2020 - Present*
  - Researched on agents ability to build common ground between vision and natural language
  - Course project, full points
  - Targeting 2021 ACL

- **Comparison between Human Attention and Linguistic Justifications on Images**   *Sep. 2019 - Dec. 2019*
  - Researched on agents relations between human attention and linguistic justifications on Visual Question Answering (VQA)
  - Proposing methods to transfer textual information on images
  - Course project with full points

Jan. 2018 - Present

- **DataSifter: Statistical Obfuscation of Electronic Health Records and Other Sensitive Datasets**
  - Researched on obfuscate sensitive textual data
  - Present in 2018 MIDAS Annual Data Science Symposium and awarded *Most Likely Health Impact*
  - First paper published, second paper submitted

- **Compressive Big Data Analytics: An ensemble meta-algorithm for high-dimensional multisource datasets**   *Jan. 2018 - May 2019*
  - Researched on extracting information from massive datasets
  - Paper published
  - Present in 2018 MIDAS Annual Data Science Symposium and awarded *Most Interesting Methodological Advances Poster*

WORKING & PROJECT EXPERIENCE

- **Personalized Food Classification Model**   *Nov. 2019 - Apr. 2020*
  Fitly Inc.
  - Design and implement the personalized model by fusing embedding vectors of historical images with preferences
  - Deployed on production using Amazon Beanstalk

- **Intel Akraino: Edge Cloud Game Architecture**   *May 2019 - Aug. 2019*
  Intel and UM-SJTU Joint Institute
  - Undergraduate Capstone Team Gold Prize
  - Worked on edge server to accelerate web communications

TEACHING EXPERIENCE

- **Graduate Student Instructor: Intro to AI** (EECS 492)   *Sep 2020 - Dec 2020*
- **Instructor Assistant: Applied Honors Calculus** (Vv156, equivalent to MATH 156 in UMich)   *Sep 2016 - Dec 2016*
  - Leading discussions & OH, design homework, grade exams
- Grader on Data Mining, Deep Learning, Intro to AI, Applied Linear Algebra, Intro to Computer Organization