

Qiucheng Wu

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EDUCATION

University of Michigan

Masters of Computer Science and Engineering

GPA: 3.94/4.0

Bachelor of Computer Science in Engineering

GPA: 3.93/4.0, summa cum laude

Ann Arbor, MI

September 2019 - Present

September 2017 - May 2019

Shanghai Jiao Tong University

Bachelor of Electrical and Computer Engineering

Shanghai, China

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

