YIMENG GU

yimeng.gu@qmul.ac.uk ◇ https://gymbeijing.github.io

EDUCATION

Queen Mary University of London — **London, UK**
Ph.D. in Computer Science — Sept 2021 - *present*
Advisor(s): Dr. Gareth Tyson, Dr. Ignacio Castro

Carnegie Mellon University — **Pittsburgh, PA, USA**
M.S. in Electrical and Computer Engineering — Aug 2020 - Aug 2021

The Hong Kong University of Science and Technology — **Hong Kong, China**
MSc. in Big Data Technology — Sept 2019 - June 2020

Beihang University — **Beijing, China**
B.E. in Electronics Information Engineering — Sept 2014 - June 2018
Shenyuan Honors College (top 50/3000+)

PUBLICATIONS

1. MMVAE at SemEval-2022 Task 5: A Multi-modal Multi-task VAE on Misogynous Meme Detection
Yimeng Gu, Ignacio Castro, and Gareth Tyson
In *Proceedings of the 16th International Workshop on Semantic Evaluation*, 2022

2. Automating Claim Construction in Patent Applications: The CMUmine Dataset
Ozan Tonguz, Yiwei Qin, **Yimeng Gu**, Hyun Hannah Moon
In *Proceedings of the Natural Legal Language Processing Workshop*, 2021

HONORS AND AWARDS

- HKUST MSc (BDT) Excellent Student Scholarship 2019 (Top 7%) — Apr 2020
- Excellent Undergraduate in Beihang University — June 2018
- Second Prize in Fengru Cup of Science and Technology Competition in Beihang University (Top 15%) — May 2017
- Honorable Mention in COMAP's Mathematical Contest in Modeling — Apr 2016

RESEARCH EXPERIENCE

Queen Mary University of London | Graduate Research Assistant — London, UK
Advisor: Dr. Gareth Tyson — Sept 2021 - *present*
Topic: Multimodal misinformation detection on social media platforms

Carnegie Mellon University | Graduate Research Assistant — Pittsburgh, PA, USA
Advisor: Prof. Ozan Tonguz — Apr 2021 - Sept 2021
Topic: Automated claim construction in patent application using text summarization models

WORK EXPERIENCE

Queen Mary University of London — London, UK
Lab Demonstrator — Jan 2022 - May 2022
• Demonstrated for ECS765P Big Data Processing

IFLYTEK Group Beijing, China

AI Research Intern Oct 2018 - Apr 2019

• Applied Named Entity Recognition and Reading Comprehension model to extract certain elements (i.e., job description, job location, term of part-time working) from Chinese labor contracts, and compared model performances

LANGUAGE AND SKILLS

Computer/Technical	Python, Java, C/C++, Spark, SQL, git, gradle, IntelliJ IDEA, AWS, Azure
Deep Learning	Pytorch, Tensorflow, Scikit-learn, HuggingFace
Language	English (fluent), Mandarin (native)