

JUNJIE WU

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EDUCATION

- **Hong Kong University of Science and Technology** *September 2020 - Present*
Ph.D. in Division of Emerging Interdisciplinary Areas
Advised by **Prof. Dit-Yan Yeung**
- **Sun Yat-sen University, Guangzhou, China** *September 2016 - June 2020*
Bachelor in Statistics, School of Mathematics, Major GPA: 3.8/4.0
(Second-class, Third-class Scholarship of Sun Yat-sen University, 2016-2017, 2017-2018)

EXPERIENCES

- **Yale University** *September 2024 - January 2025*
Research Intern
Advised by **Prof. Arman Cohan**
Overview: *Understand physical concepts in human conversations. Specifically, we first manually annotate physical concepts with abstract grids, then use these grids to study human interactions.*
- **Tencent, Shenzhen, China** *July 2021 - May 2024*
Research Intern
Advised by **Mo Yu, Lemao Liu**
Overview: *Investigate the application of linguistic understanding in commercial products. Specifically, we study linguistic features that may attract consumers most, then apply these features to paraphrase existing commercial advertisements.*
- **University of Michigan** *July 2019 - June 2020*
Research Intern
Overview: *Predicting prosocial (defined by many metrics like healthy, supportive, politeness) outcomes in online conversations.*

PUBLICATIONS

1. Mo Yu*, Lemao Liu*, **Junjie Wu***, Tsz Ting Chung*, Shunchi Zhang*, Jiangnan Li, Dit-Yan Yeung and Jie Zhou “The Stochastic Parrot on LLM’s Shoulder: A Summative Assessment of Physical Concept Understanding ”
2. **Junjie Wu**, Mo Yu, Lemao Liu, Dit-Yan Yeung and Jie Zhou “Understanding LLMs’ Fluid Intelligence Deficiency: An Analysis of the ARC Task ”
3. **Junjie Wu***, Tsz Ting Chung*, Kai Chen* and Dit-Yan Yeung. “Unified Triplet-Level Hallucination Evaluation for Large Vision-Language Models ”
4. **Junjie Wu**, Lemao Liu, Wei Bi and Dit-Yan Yeung. “Rethinking Targeted Adversarial Attacks for Neural Machine Translation ”
5. **Junjie Wu**, Lemao Liu and Dit-Yan Yeung. “Towards General Error Diagnosis via Behavioral Testing in Machine Translation ”
6. **Junjie Wu**, Dit-Yan Yeung. “SCAT: Robust Self-supervised Contrastive Learning via Adversarial Training for Text Classification ”
7. Jiajun Bao*, **Junjie Wu***, Yiming Zhang*, Eshwar Chandrasekharan and David Jurgens. “Conversations Gone Alright: Quantifying and Predicting Prosocial Outcomes in Online Conversations ”
8. **Junjie Wu** and Hao Zhou. “Augmenting Topic-Aware Knowledge-Grounded Conversations with Dynamic Built Knowledge Graphs”

ACADEMIC SERVICES

Programme Committee: ACL (2023)
Reviewer: ACL Rolling Review (ARR)

TECHNICAL SKILLS AND OTHERS

TOEFL: 105 **GRE:** V155 Q170 AW4.0

Miscs: I like playing basketball, and I am the team member of the school basketball team from 2016-now.