

WENHU CHEN

EL Colegio Rd, Santa Barbara, CA 93106

ABOUT ME

I'm a Ph.D. student in Computer Science Department of University of California, Santa Barbara. My research interests lie in natural language processing and machine learning, more specifically, I focus on research topics like machine translation, knowledge base reasoning, semantic parsing and visual captioning.

PUBLICATIONS

Triangular Architecture for Rare Language Translation

Shuo Ren, Wenhui Chen, Shujie Liu, Mu Li, Ming Zhou and Shuai Ma. Proceedings of ACL 2018, Melbourne, Australia (Oral)

No Metrics Are Perfect: Adversarial Reward Learning for Visual Storytelling

Wenhui Chen*, Xin Wang*, Yuan-Fang Wang and William Yang Wang. Proceedings of ACL 2018, Melbourne, Australia (Oral)

Variational Knowledge Graph Reasoning

Wenhui Chen, Wenhan Xiong, William Yang Wang, Xifeng Yan. Proceedings of NAACL 2018, New Orleans, CA (Oral)

Generative Bridging Network in Neural Sequence Prediction

Wenhui Chen, Guanlin Li, Shuo Ren, Shujie Liu, Zhirui Zhang, Mu Li, Ming Zhou. Proceedings of NAACL 2018, New Orleans, CA (Poster)

Video Captioning via Hierarchical Reinforcement Learning

Xin Wang, Wenhui Chen, Jiawei Wu, Yuan-fang Wang, William Yang Wang. Proceedings of CVPR 2018, Salt Lake City, UTAH

A Joint Framework for Path Finding and Path Reasoning

Wenhui Chen, William Yang Wang, Xifeng Yan. KBCOM of WSDM 2018, Los Angeles, CA

Using meta-information in neural machine translation

Evgeny Matusov, Wenhui Chen, Shahram Khadivi. US Patent, 2017

Guided alignment training for topic-aware neural machine translation

Wenhui Chen, Evgeny Matusov, Shahram Khadivi, JT Peter. AMTA 2016, Austin, TX (Poster)

Facial Emotion Recognition Using PHOG and a Hierarchical Expression Model

Zhao Zhong, Gang Shen, Wenhui Chen. INCoS 2013, IEEE

SERVICE

Program Committee in Socal-NLP 2018

Program Committee in EMNLP 2018

Program Committee in AAAI 2019

EDUCATION

University of California, Santa Barbara

Sep 2017-Now

Ph.D in Computer Science

Advisor: Xifeng Yan and William Wang

Overall GPA: 4.0/4.0

ETH Zurich, Switzerland

June 2016-Dec 2016

Visiting in Computer Science

Overall GPA: 6.0/6.0

RWTH Aachen University, Germany

M.S. in Electronics Engineering

Overall GPA: 1.4/1.0

Sep 2014-Dec 2016

Huazhong University of Science and Technology, China

M.S. in Electronics Engineering

Overall GPA: 86/100

Sep 2010-June 2014

EXPERIENCE

Microsoft Research Asia

Research Intern

Feb 2017 - Aug 2017

Beijing, China

- Designed data-augmentation algorithm for sequence learning
- Designed new architecture for rare language translation

eBay Research

Research Intern

December 2015 - June 2016

Aachen, Germany

- Investigated the usage of statistical alignment in NMT
- Designed a meta-information based NMT system

Jinyin Dao Inc.

Designer & Developer

November 2011 - June 2012

Wuhan, China

- Worked on Android Software Development
- Designed user interface for an Android App

AWARD

IDEA Research Grant: Awarded IDEA research scholarship for exchange program in ETH.

German National Scholarship: Awarded a one-year scholarship sponsored by Robert Bosch Inc.

China Scholarship Committee Scholarship: Awarded full scholarship from CSC for a one-year exchange program in Germany.

MCM Finalist Award: Ranked top 0.5% in The Mathematical Contest in Modeling in 2013.