Wang Zhu

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EDUCATION	**University of Southern California**, Los Angeles, US *Doctor of Philosophy*, Computer Science	**Jan 2021 - present**
	Simon Fraser University, Vancouver, Canada *Bachelor of Applied Science*, Computer Science	**Sep 2017 - Aug 2020**
	Zhejiang University, Hangzhou, China *Bachelor of Engineering*, Computer Science	**Sep 2015 - Aug 2020**

RESEARCH INTEREST Vision-Language Grounding, Natural Language Processing, Machine Learning

SELECTED PUBLICATIONS

Yejia Liu, **Wang Zhu**, Shaolei Ren. **Global Experience Replay for Continual Learning.** *Under review.*

Wang Zhu, Peter Shaw, Tal Linzen, Fei Sha. **Learning to Generalize Compositionally by Transferring Across Semantic Parsing Tasks.** *arXiv preprint: 2111.05013, 2021.*

Wang Zhu*, Hexiang Hu*, Jiacheng Chen, Zhiwei Deng, Vihan Jain, Eugene Ie, Fei Sha. **BabyWalk: Going Farther in Vision-and-Language Navigation by Taking Baby Steps.** *Annual Conference of the Association for Computational Linguisticss (ACL 2020)*

Guiliang Liu, Oliver Schulte, **Wang Zhu**, Qingcan Li. **Toward Interpretable Deep Reinforcement Learning with Linear Model U-Trees.** *European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD 2018)*

Guiliang Liu, **Wang Zhu**, Oliver Schulte. **Interpreting Deep Sports Analytics: Valuing Actions and Players in the NHL.** *the fifth Machine Learning and Data Mining for Sports Analytics Workshop at ECML-PKDD (MLSA, ECML-PKDD 2018)*

RESEARCH EXPERIENCE	**Research Assistant**, University of Southern California Allegro Lab & GLAMOR Lab Advisor: Prof. Robin Jia & Prof. Jesse Thomason	**Oct 2021 - present**
	Research Assistant, University of Southern California Theoretical and Empirical Data Science Lab Advisor: Prof. Fei Sha	**Sep 2020 - Sep 2021**
	Research Assistant, Simon Fraser University Vision and Media Lab & Computing Logic Lab Advisor: Prof. Greg Mori & Prof. Oliver Schulte	**Oct 2017 - May 2019**

SKILLS
Operating Systems: Linux, macOS, Windows
Programming Languages: Python, LaTeX, Java, C/C++, Swift, Matlab
Tools/Framework: Pytorch, Tensorflow, Git
Languages: English (Proficient), Chinese (Native), Japanese (Beginner)

AWARDS & SCHOLARSHIP	USC Graduate School Fellowship	Jan 2021
	SFU Presidents Honour Roll	Oct 2018
	Undergraduate Student Research Awards	May 2018
	SFU Entrance Scholarship	Sep 2017
	The Mathematical Contest in Modeling, Meritorious Prize	Feb 2017