Wang Zhu

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EDUCATION	**Simon Fraser University**, Vancouver, BC, Canada *Bachelor of Applied Science*, Computer Science	**Sep 2017 - present**
	Zhejiang University, Hangzhou, Zhejiang, China *Bachelor of Engineering*, Computer Science	**Sep 2015 - present**

RESEARCH INTEREST

Vision-Language Grounding
Computer Vision
Natural Language Processing
Reinforcement Learning

SELECTED PUBLICATIONS

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, Simon Fraser University   **Sep 2018 - Mar 2019**
Vision and Media Lab
Advisor: Prof. Greg Mori
• *Project: Active Object Search*
Developed a multi-object active object search method in a simulation environment
• *Project: Graph Based Text Question Answering*
Combined graph neural network with a RL agent to solve mutli-hop QA

Research Assistant, Simon Fraser University   **Oct 2017 - May 2018**
Computing Logic Lab
Advisor: Prof. Oliver Schulte
• *Project: Deep Reinforcement Learning on Sports*
Adopted linear model tree for Ice-Hockey sports player ranking

SKILLS

Languages : Python, LaTeX, Java, C/C++, Swift, Matlab
Tools/Framework : Pytorch, Tensorflow, Git

AWARDS & SCHOLARSHIP

SFU Presidents Honour Roll	Oct 2018
SFU Alumni Scholarship	Oct 2018
SFU Open Scholarship	Oct 2018
Undergraduate Student Research Awards	May 2018
SFU Entrance Scholarship	Sep 2017
The Mathematical Contest in Modeling, Meritorious Prize	Feb 2017