

## Wang Zhu

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EDUCATION	<b>Simon Fraser University</b> , Vancouver, BC, Canada <i>Bachelor of Applied Science, Computer Science</i>	Sep 2017 - present
	<b>Zhejiang University</b> , Hangzhou, Zhejiang, China <i>Bachelor of Engineering, Computer Science</i>	Sep 2015 - present
RESEARCH INTEREST	Computer Vision Natural Language Processing Reinforcement Learning	
SELECTED PUBLICATIONS	Guiliang Liu, Oliver Schulte, <b>Wang Zhu</b> , Qingcan Li. <b>Toward Interpretable Deep Reinforcement Learning with Linear Model U-Trees.</b> <i>European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD 2018)</i>	
	Guiliang Liu, <b>Wang Zhu</b> , Oliver Schulte. <b>Interpreting Deep Sports Analytics: Valuing Actions and Players in the NHL.</b> <i>the fifth Machine Learning and Data Mining for Sports Analytics Workshop at ECML-PKDD (MLSA, ECML-PKDD 2018)</i>	
RESEARCH EXPERIENCE	<b>Research Assistant</b> , Simon Fraser University Vision and Media Lab Advisor: Prof. Greg Mori • <i>Project: Active Object Search</i> Developed a multi-object active object search method in a simulation environment • <i>Project: Graph Based Text Question Answering</i> Combined graph neural network with a RL agent to solve mutli-hop QA	Sep 2018 - Feb 2020
	<b>Research Assistant</b> , Simon Fraser University Computing Logic Lab Advisor: Prof. Oliver Schulte • <i>Project: Deep Reinforcement Learning on Sports</i> Adopted linear model tree for Ice-Hockey sports player ranking	Oct 2017 - May 2018
SELECTED PROJECTS	<b>DRL Ice Hockey</b> Trained a Tensorflow LSTM neural network to estimate player ranking in ice hockey and used Mimic Learning to learn a Linear Model U-Tree from neural network to explain the ranking.	Oct 2017 - Mar 2018
SKILLS	<b>Languages :</b> Python, LaTeX, Java, C/C++, Swift, Matlab <b>Tools/Framework :</b> 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
	China National Scholarship	Oct 2016