SHAOJIE JIANG

PERSONAL INFORMATION

Finishing my PhD study at IRLab (previously known as ILPS)

University of Amsterdam

Science Park 608B, 1098 XH Amsterdam

Homepage: https://shaojiejiang.github.io/

Email: s.jiang@uva.nl

Phone: +31 6 82928861

EDUCATION & EXPERIENCE

2021/02 - 2021/07   Luka Inc., San Francisco, USA
AI Researcher
Project: Improving Generative Dialogue Engagingness for Replika
Team: AI Research Team
Mentor: Artem Rodichev

2020/07 - 2020/09   Amazon.com, Inc., Amsterdam, The Netherlands
Applied Science Intern
Project: Customer Review Summarization
Team: Subjective NLP
Mentor: Alex Klementiev

2017 - present   University of Amsterdam, The Netherlands
PhD Student
Research area: *Generative Open-domain Dialogue Systems*
Supervisors: Prof. Maarten de Rijke & Prof. Christof Monz

2014 - 2017   Northwest A&F University, Yangling, China
Master of Engineering
Thesis: *Research on Feature Representation and Optimization Methods in Structured Object Tracking*
Supervisor: Prof. Jifeng Ning

2010 - 2014   Northwest A&F University, Yangling, China
Bachelor of Engineering
Thesis: *Implementation of Single Image Haze Removal Using Dark Channel Prior*
Advisors: Dr. Yaojun Geng and Prof. Jifeng Ning

PUBLICATIONS

Shaojie Jiang, Thomas Wolf, Mostafa Dehghani, Christof Monz, and Maarten de Rijke. "Transformers with An RNN Scaffold." Under review at ACL. 2021.

Shaojie Jiang, Thomas Wolf, Christof Monz, and Maarten de Rijke. "Reducing Repetitive Utterance Generation by Shifting Attention and Reweighting Token Loss" Under review at IJCAI. 2021.

Shaojie Jiang, Thomas Wolf, Christof Monz, and Maarten de Rijke. "Token Loss Dynamic Reweighting for Reducing Repetitive Utterance Generation." arXiv preprint arXiv:2003.11963. 2020. Source code shared at

Shaojie Jiang, Pengjie Ren, Christof Monz, and Maarten de Rijke. "Improving Neural Response Diversity with Frequency-Aware Cross-Entropy Loss." In The World Wide Web Conference, pp. 2879-2885. ACM, 2019. Source code available at .

Shaojie Jiang, and Maarten de Rijke. *"Why are Sequence-to-Sequence Models So Dull? Understanding the Low-Diversity Problem of Chatbots."* In Proceedings of the 2018 EMNLP Workshop SCAI: The 2nd International Workshop on Search-Oriented Conversational AI, pp. 81-86. 2018.

Shaojie Jiang, Jifeng Ning, Cheng Cai, and Yunsong Li. *"Robust Struck tracker via color Haar-like feature and selective updating."* Signal, Image and Video Processing 11, no. 6 (2017): 1073-1080.

Jifeng Ning, Jimei Yang, **Shaojie Jiang**, Lei Zhang, and Ming-Hsuan Yang. *"Object tracking via dual linear structured SVM and explicit feature map."* In Proceedings of the IEEE conference on computer vision and pattern recognition, pp. 4266-4274. 2016.

AWARDS

2019	Invited by NLP Summit at Google Zurich
2018	Student Travel Grant for the 2nd SCAI Workshop
2017	Faculty Outstanding Master Thesis Award
2013	National Endeavor Scholarship
2012	National Endeavor Scholarship

TEACHING AND SUPERVISION

2019.11-2020.06	Master AI Thesis Supervision: Traian Vidraşcu, *"Link Prediction for Software Graphs using Inbound and Outbound Neighborhoods"*

2019.11-2020.06	Master AI Thesis Supervision: Kai Liang, *"Neural Hierarchical Text Classification with Transfer Learning Approaches"*
2019.04-2019.07	Master DS Thesis Supervision: Savvina Daniil, *"Training Support Vector Machines Using Multi-Party Computation"*
2019.06-2019.06	Teaching Assistant for Project AI on topic "Repetition Reduction for Chatbots"
2018.10-2018.12	Teaching Assistant for course Information Retrieval 2 on topic "Hierarchical Neural Response Generation"
2018.01-2018.06	Master AI Thesis Supervision: Ricardo Fabián Guevara Meléndez, *"Task-Oriented Dialog Agents Using Memory-Networks and Ensemble Learning"*

COMMUNITY SERVICE

2020.02-present	Member of IvI PhD Council
2020.01-2020.11	Reviewer for TOIS, ACL, EMNLP and EACL
2019.09-2020.11	IvI Representative on FNWI PhD Council
2019.03-2019.06	Subreviewer for SIGIR and CIKM
2018.07-2019.12	ILPS Lunch Talk Chair
SKILLS	Python, PyTorch, ParlAI, Git, Bash

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