

Leni YANG

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EXPERIENCE

The Hong Kong University of Science and Technology, VisLab PostDoc Researcher, Supervised by Prof. Huamin Qu	2022/11–Now Hong Kong, China
The Hong Kong University of Science and Technology, VisLab PhD in Computer Science and Engineering, Supervised by Prof. Huamin Qu	2018/09–2022/09 Hong Kong, China
Tongji University, iDVX Lab Research Visiting Student, supervised by Prof. Nan Cao	2020/12–2021/04 Shanghai, China
University of Electronic Science and Technology of China B.S. in Management Information System	2014/09–2018/06 Chengdu, China

PUBLICATIONS

Peer-reviewed Conference and Journal Publications

- **Is It the End? Guidelines for Cinematic Endings in Data Videos.**
Xian Xu, Aoyu Wu, **Leni Yang**, Zheng Wei, Rong Huang, David Yip, Huamin Qu
In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, doi:
<https://doi.org/10.1145/3544548.3580701>, 2023
- **Understanding 3D Data Videos: From Screens to Virtual Reality.**
Leni Yang, Aoyu Wu, Wai Tong, Xian Xu, Zheng Wei, Huamin Qu
In Proceedings of the IEEE Pacific Visualization Symposium, doi: to be appear, 2023
- **From Wow to Why: Guidelines for Creating the Opening of a Data Video with Cinematic Styles**
Xian Xu, **Leni Yang**, David Yip, Mingming Fan, Zheng Wei, Huamin Qu
In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, doi:
<https://doi.org/10.1145/3491102.3501896>, 2022
- **Explaining with Examples: Lessons Learned from Crowdsourced Introductory Description of Information Visualizations**
Leni Yang, Cindy Xiong, Jason K. Wong, Aoyu Wu, Huamin Qu
IEEE transactions on visualization and computer graphics, doi: 10.1109/TVCG.2021.3128157, 2021.
- **A Design Space for Applying the Freytag's Pyramid Structure to Data Stories**
Leni Yang, Xian Xu, XingYu Lan, Ziyang Liu, Shunan Guo, Yang Shi, Huamin Qu, Nan Cao
IEEE transactions on visualization and computer graphics (IEEE VIS 2021), doi: 10.1109/TVCG.2021.3114774, 2021.
- **Clouddet: Interactive visual analysis of anomalous performances in cloud computing systems**
Ke Xu, Yun Wang, **Leni Yang**, Yifang Wang, Bo Qiao, Si Qin, Yong Xu, Haidong Zhang, Huamin Qu
IEEE transactions on visualization and computer graphics (IEEE VIS 2019), doi: 10.1109/TVCG.2019.2934, 2019.

HONORS & AWARDS

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|--|------|
| ➤ Supported by Innovation and Technology Fund (ITF) Research Talend Hub for Postdoctoral Fellowship | 2022 |
| ➤ Research & Development Award, 19th Asia Pacific Information and Communications Technology Alliance (APICTA) Awards | 2019 |
| ➤ Gold Award, Student Innovation, Hong Kong ICT Awards (HKICT) | 2019 |
| ➤ Outstanding Graduates of Sichuan Province | 2018 |
| ➤ Outstanding Graduates of University of Electronic Science and Technology of China | 2018 |

- Excellent Graduation Thesis of University of Electronic Science and Technology of China 2018
- China National Scholarship 2015, 2016, 2017
- Honorable Mention in MCM/ICM 2017
- The First Prize (Sichuan Province) in Contemporary Undergraduate Mathematical Contest in Modeling 2016

R&D PROJECTS

- AI-Powered, Personalized Analysis and Feedback Platform for K-12 Education in Computational Thinking Skills, *Innovation and Technology Fund, Trumptech Digital Education Services Limited* 2023-
- Centre for Slope Safety, *RGC - Areas of Excellence Scheme* 2019-
- Pulse of HKUST, *Smart Sustainable Campus, HKUST* 2019-2023

SERVICES

Paper Review

- ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing 2023
- ACM CHI Conference on Human Factors in Computing Systems 2022
- China Visualization and Visual Analytics Conference (ChinaVis) 2020

Teaching Assistance

- Computer Organization Spring 2022
- Introduction to Computer Science Fall 2019
- Introduction to Computing with Excel VBA Spring 2019