

Songheng Zhang

Education

2021–Present **PhD, Computer Science**, *Singapore Management University*, Singapore.

Advisor *Dr. Yong Wang*

2016–2021 **Bachelor in Computer Science**, *University of California, Irvine (Irvine, CA)*.

2016–2021 **Bachelor in Mathematics**, *University of California, Irvine (Irvine, CA)*.

Publications

Peer-reviewed Conference and Journal Publications

2023 **Zhang Songheng**, Dong Ma, and Yong Wang. Don't peek at my chart: Privacy-preserving visualization for mobile devices. In *Eurographics Conference on Visualization*, 2023.

2022 **Zhang Songheng**, Yong Wang, Haotian Li, and Wanyu Zhang. Who will support my project? interactive search of potential crowdfunding investors through insearch. In *CHI Conference on Human Factors in Computing Systems Extended Abstracts*, pages 1–6, 2022.

2021 Haotian Li, Yong Wang, **Zhang Songheng**, Yangqiu Song, and Huamin Qu. Kg4vis: A knowledge graph-based approach for visualization recommendation. *IEEE Transactions on Visualization and Computer Graphics*, volume 28, pages 195–205. IEEE, 2021.

Professional Experience

Apr 2021– **Singapore Management University**, Singapore.

Present *Ph.D. Candidate, VIDA Lab, with Dr. Yong Wang*

- Privacy-preserving Mobile Visualization (2023 EuroVis).
- Visual Analysis for Crowdfunding Investors (2022 CHI LBW).
- Automatic Visualization Recommendation (2021 TVCG).

Oct 2020 – **China Telecom Research**, Beijing, China.

Mar 2021 *Research Intern*

Developed an unsupervised user comment topic modeling, leveraging community discovery and FP-growth algorithms to identify trending topics.

Apr 2019 – **University of California Irvine**, CA, USA.

Jul 2020 *Undergraduate Research Assistant*

- Shoe Albedo Segmentation Tool Development with *Dr. Charless C. Fowlkes*.
- Customer Churn Prediction System Construction with *Dr. Sergio Gago-Masague*.

Professional Service

Paper Reviewers

HCI **ACM IUI 2021-22, ACM CHI 2022**

VIS **IEEE VIS 2023**

Award

2016-2017 **Dean's Honor List in School of Physical Sciences**, University of California, Irvine.

2019-2020