Quyu Kong

Contact Information

Address: Building 145, North Rd, ANU, Canberra, Australia
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Research Interests

Information diffusion modeling in social media: stochastic modeling, online networks, computational social socience

Education

Present - Mar 2018 | The Australian National University
PhD candidate in Computer Science, affiliated with Data61, CSIRO.
Advised by Dr. Marian-Andrei Rizoiu, Prof. Lexing Xie, and Dr. Stephen Wan
Thesis Proposed Topic: *Linking Epidemic Models and Hawkes Point Processes for Modeling Information Diffusion*

Dec 2017 - Feb 2016 | The Australian National University
Advanced Master of Computing
Advised by Dr. Marian-Andrei Rizoiu
Research Topic: *Modeling Information Diffusion in Social Network*

Aug 2011 - Jun 2015 | *Zhejiang University*
Bachelor of Agronomy

Publications

[1] **Kong, Quyu**. "Linking Epidemic Models and Hawkes Point Processes for Modeling Information Diffusion." *In Proceedings of the Twelfth ACM International Conference on Web Search and Data Mining, pp. 818-819. 2019.*

[2] Rizoiu, Marian-Andrei, Swapnil Mishra, **Quyu Kong**, Mark Carman, and Lexing Xie. "SIR-Hawkes: Linking Epidemic Models and Hawkes Processes to Model Diffusions in Finite Populations." *In Proceedings of the 2018 World Wide Web Conference on World Wide Web, pp. 419-428. 2018.*

[3] **Kong, Quyu**, Marian-Andrei Rizoiu, Siqi Wu, and Lexing Xie. "Will This Video Go Viral: Explaining and Predicting the Popularity of Youtube Videos." *In Companion of the The Web Conference 2018 on The Web Conference 2018, pp. 175-178. 2018.*

Awards

Mar 2018 Data61 PhD Scholarship
Dec 2017 ANU University Medal

Teaching experience

Dec 2018 - Jul 2017 | *Teaching Assistant at ANU*
Document Analysis, COMP4650/COMP6490, Semester 2

Work experience

Dec 2017 - Nov 2016 | *Working part-time at Spinify*
Fullstack Developer
Building an interactive web app for visualising staff performance in workplace.
Highlights: web app, reactjs, nodejs, Amazon Lambda