

Po-Ming Law

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USA

RESEARCH INTERESTS

Human computer interaction
Visual analytics

EDUCATION

Georgia Institute of Technology 2016 – Present
Ph.D in Computer Science
Advisor: Dr. Rahul Basole

The Hong Kong University of Science and Technology 2012 – 2016
B.Eng. in Computer Science and B.B.A. in General Business Management
Thesis: VisMatchmaker: Cooperation of the User and the Computer in Centralized Matching Adjustment
Advisor: Dr. Huamin Qu

Northwestern University 2014 Fall
Academic Exchange

RESEARCH EXPERIENCE

Research Assistant, **Georgia Institute of Technology**, Atlanta, GA Aug 2016 – now
Designed and evaluated a system for helping data analysis novices conduct pairwise comparisons.
Developed an interactive visualization system for overviewing ego-network evolution patterns.

Research Intern, **Adobe Research**, Seattle, WA May 2017 – Aug 2017
Developed an interactive visualization tool for exploring web clickstream data.

Undergraduate Researcher, **HKUST VisLab**, Hong Kong Aug 2015 – Apr 2016
Developed a visual analytics system to enable users and the system to co-create a matching.
Published a first-author paper in IEEE VIS 2016.

PUBLICATIONS

5. Po-Ming Law, Rahul C. Basole, and Yanhong Wu. **Duet: Helping Data Analysis Novices Conduct Pairwise Comparisons by Minimal Specification**. *IEEE Transactions on Visualization and Computer Graphics (IEEE VAST 2018)*.
4. Po-Ming Law, Zhicheng Liu, Sana Malik, and Rahul C. Basole. **MAQUI: Interweaving Queries and Pattern Mining for Recursive Event Sequence Exploration**. *IEEE Transactions on Visualization and Computer Graphics (IEEE VAST 2018)*.
3. Po-Ming Law, Yanhong Wu, and Rahul C. Basole. **Segue: Overviewing Evolution Patterns of Egocentric Networks by Interactive Construction of Spatial Layouts**. *IEEE Conference on Visual Analytics Science and Technology (IEEE VAST 2018)*.
2. Po-Ming Law, and Rahul C. Basole. **Designing Breadth-Oriented Data Exploration for Mitigating Cognitive Biases**. *2nd Workshop on Dealing with Cognitive Biases in Visualizations (DECISive 2017)*.
1. Po-Ming Law, Wenchao Wu, Yixian Zheng, and Huamin Qu. **VisMatchmaker: Cooperation of the User and the Computer in Centralized Matching Adjustment**. *IEEE Transactions on Visualization and Computer Graphics (IEEE VAST 2016)*.

TALKS

Designing Breadth-Oriented Data Exploration for Mitigating Cognitive Biases. Sep 2017
IEEE VIS, Phoenix, USA

VisMatchmaker: Cooperation of the User and the Computer in Centralized Matching Adjustment. Oct 2016
IEEE VIS, Baltimore, USA

ACADEMIC SERVICES

Reviewer
IEEE VAST 2018

Student Volunteer
IEEE VIS 2017

AWARDS AND HONORS

Academic Achievement Medal (top 1% of graduates), HKUST	2016
Technology and Management Elite Student Scholarship, HKUST	2015
Shanghai Commercial Bank Ltd. Scholarship	2014
Fung Scholarship	2014
The Cheng Foundation Scholarship	2013
The Dean's List, HKUST	Every Semester at HKUST

SKILLS

Programming: JavaScript, HTML, CSS, D3.js, C, C++

Software: Adobe Illustrator, SPSS