

Po-Ming Law

terrancelaw.github.io
pmlaw@gatech.edu
+1 (404) 451-8248

TSRB 331
85 5th St NW
Atlanta, GA 30308
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 (Proc. VAST'18)*, 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 (Proc. VAST'18)*, 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 Transactions on Visualization and Computer Graphics (Proc. VAST'18)*, 2018.
2. Po-Ming Law, and Rahul C. Basole. **Designing Breadth-Oriented Data Exploration for Mitigating Cognitive Biases**. *DECISive 2017: 2nd Workshop on Dealing with Cognitive Biases in Visualizations*, 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 (Proc. VAST'16)*, 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

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