

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
Information Visualization

EDUCATION

Georgia Institute of Technology, Atlanta, GA Aug 2016 – now
Ph.D in Computer Science
Dissertation: Automated yet Transparent Data Insights
Advisor: Dr. John Stasko and Dr. Alex Endert

The Hong Kong University of Science and Technology, Hong Kong Sept 2012 – Sept 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

RESEARCH EXPERIENCE

Research Assistant, **Georgia Institute of Technology**, Atlanta, GA Aug 2016 – now
Research Intern, **Adobe Research**, San Jose, CA May 2019 – Aug 2019
Mentors: Sana Malik, Fan Du, and Moumita Sinha

Research Intern, **Adobe Research**, Seattle, WA May 2017 – Aug 2017
Mentors: Zhicheng Liu and Sana Malik

Undergraduate Researcher, **HKUST VisLab**, Hong Kong Aug 2015 – Apr 2016

CONFERENCE PAPERS

- [8] [Po-Ming Law](#), Alex Endert, and John Stasko. **What are Data Insights to Professional Visualization Users?** *IEEE VIS Short Paper (IEEE VIS 2020)*.
- [7] [Po-Ming Law](#), Alex Endert, and John Stasko. **Characterizing Automated Data Insights.** *IEEE VIS Short Paper (IEEE VIS 2020)*.
- [6] [Po-Ming Law](#), Sana Malik, Fan Du, and Moumita Sinha. **The Impact of Presentation Style on Human-In-The-Loop Detection of Algorithmic Bias.** *Graphics Interface 2020 (GI 2020)*.
- [5] [Po-Ming Law](#), Subhajit Das, and Rahul C. Basole. **Comparing Apples and Oranges: Taxonomy and Design of Pairwise Comparisons within Tabular Data.** *ACM Conference on Human Factors in Computing Systems (CHI 2019)*.
- [4] [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)*.
- [3] [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)*.
- [2] [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)*.

[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)*.

WORKSHOP PAPERS

[2] Po-Ming Law, Sana Malik, Fan Du, and Moumita Sinha. **Designing Tools for Semi-Automated Detection of Machine Learning Biases: An Interview Study**. *CHI 2020 Workshop on Detection and Design for Cognitive Biases in People and Computing Systems (CoBi 2020)*.

[1] 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)*.

BOOK CHAPTERS

[1] Po-Ming Law, and Rahul C. Basole. **Designing Breadth-Oriented Data Exploration for Mitigating Cognitive Biases**. *Chapter 11 in Cognitive Biases in Visualizations, Springer, 2018*.

TEACHING EXPERIENCE

Teaching Assistant, CS 7450 - Information Visualization , Georgia Institute of Technology	Fall 2019
Instructor: Dr. John Stasko	
Teaching Assistant, CS 7450 - Information Visualization , Georgia Institute of Technology	Fall 2018
Instructor: Dr. John Stasko	

ACADEMIC SERVICES

Paper Reviewer

IEEE InfoVis 2019 - 2020

IEEE VAST 2018 - 2020

EuroVis 2019 - 2020

Student Volunteer

IEEE VIS 2017, 2018

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, Python, R

Software: Adobe Illustrator, Tableau, SPSS