

# 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 Conference on Visual Analytics Science and Technology (VAST)*, 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