

Shiqing (Licia) He

CURRICULUM VITAE
ASSISTANT PROFESSOR · VISUALIZATION

Texas A&M University, College of Architecture, 798 Ross Street, College Station, TX 77843-3137

✉ liciahe@tamu.edu | 🏠 www.eyesofpanda.com | 🐦 @Licia_He

Education

University of Michigan, School of Information

Ann Arbor, Michigan, U.S.A.

PHD IN INFORMATION SCIENCE

2015 - 2021

Advisor: Dr. Eytan Adar

Research Interests: Design, Art & Craft, Fabrication, HCI, Information Visualization, Generative Art, Robotic Art

Dissertation Topic: "Finding the Grammar of Generative Craft," advised by Eytan Adar

Committee members: Sophia Brueckner, Ron Eglash, Matthew Kay

Union College

Schenectady, New York, U.S.A.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND STUDIO ART

2011 - 2014

Phi Beta Kappa, Union Scholar

Computer Science Honor Thesis: "Structuring the Unstructured Note: Automatic Organizing and Formatting for lecture notes," advised by Kristina Striegnitz

Studio Art Honor Thesis: "Childhood Memory," advised by Sandy Wimer

Publications

PUBLISHED

Elsie Lee-Robbins, **Shiqing He**, and Eytan Adar. Learning Objectives, Insights, and Assessments: How Specification Formats Impact Design *VIS'21: IEEE transactions on visualization and computer graphics* (2021)

John Joon Young Chung, **Shiqing He**, Eytan Adar. The Intersection of Users, Roles, Interactions, and Technologies in Creativity Support Tools *DIS '21: Proceedings of the 2021 ACM Designing Interactive Systems Conference* (2021)

He, Shiqing, Eytan Adar. Plotting with Thread: Fabricating Delicate Punch Needle Embroidery with X-Y Plotters *DIS '20: Proceedings of the 2020 ACM Designing Interactive Systems Conference* (2020): page 1047-1057. 12 Jul. 2020. **Honorable Mention Award, Top 5% Submissions**, AR:24%

He, Shiqing, Allen Yilun Lin, Eytan Adar, and Brent Hecht. "The_Tower_of_Babel.jpg: Diversity of Visual Encyclopedic Knowledge Across Wikipedia Language Editions" *ICWSM '18 International AAAI Conference on Web and Social Media* (2018): n. pag. Web. 12 Jul. 2018. **Best Paper Award, 1/295**, AR:16%

He, Shiqing, and Eytan Adar. VizItCards: A Card-Based Toolkit for Infovis Design Education. *VIS '16 IEEE transactions on visualization and computer graphics* (2016): , vol. 23, no. 1, pp. 561-570, Jan. 2017. AR:22%

Professional Experience

2021-Present	Assistant Professor , Department of Visualization, College of Architecture, Texas A&M University, College Station, TX, U.S.A.
2015-2021	Graduate Research Assistant , School of Information, University of Michigan, Ann Arbor, MI, U.S.A.
2015-2021	Graduate Teaching Assistant , School of Information, University of Michigan, Ann Arbor, MI, U.S.A.
2019.5-2019.8	UX-Data Visualization Intern , Google, People Analytic Product Lab, Sunnyvale, CA, U.S.A.
2014-2015	Thomas J. Watson Fellow , Funded Independent research, Multiple Locations across 10 Countries
2013.6-2013.8	Research Intern , IBM Beijing Research Lab, Beijing, China

Awards, Fellowships, & Grants

2020	Rackham Graduate Research Award , Rackham Graduate School, University of Michigan	\$ 3,000
	Arts Integrative Interdisciplinary Research (AiiR) Grant , ArtsEngine, University of Michigan	\$ 3000
2018	Best Implementation Award , UIST'18 Student Innovation Contest	\$ 1,000
2014	Thomas J. Watson Fellowship , Thomas J. Watson Foundation	\$ 28,000
	Meritorious Prize in The Mathematical Contest in Modeling , The Consortium for Mathematics and Its Applications (COMAP)	
2013	Honorable Mention in The Mathematical Contest in Modeling , The Consortium for Mathematics and Its Applications (COMAP)	
	Grace Hopper Celebration Scholarship , AnitaB.org	
	Honorable Mention in the First Intercollegiate Art Competition , Lower Adirondack Regional Art Council, Glan Falls, NY, U.S.A.	
	Arnold L. Bittleman Memorial Prize , Union College	\$ 500

Exhibition, Residency, & Commission

GROUP EXHIBITION

- 2021 *-GRAPH*, Feral File
- 2020 *Radial Symmetry*, University of Michigan, MI, U.S.A.
- 2016 *All Media Exhibition*, Ann Arbor Art Center, MI, U.S.A.
- 2013 *First Intercollegiate Art Competition*, Lower Adirondack Regional Art Council, NY, U.S.A.
Drawn to Print: Paris Mini-term Exhibition, Union College Visual Art Gallery, NY, U.S.A.
- 2012 *Union College Visual Art Selected Work*, Union College Visual Art Gallery, NY, U.S.A.
Steinmetz Exhibition, Union College Visual Art Gallery, NY, U.S.A.
Student Invitation Exhibition, Union College Visual Art Gallery, NY, U.S.A.

SOLO EXHIBITION

- 2014 *Childhood Memory*, Senior Honorary Exhibition, Union College Visual Art Gallery, NY, U.S.A.
- 2013 *Human Body*, Scholar Project Exhibition, Union College Visual Art Gallery, NY, U.S.A.
First Times, Bittleman Drawing Award Winner Exhibition, Union College Visual Art Gallery, NY, U.S.A.

RESIDENCY

- 2015.5-2015.7 *Empty Space*, Chiang-Mai, Thailand
- 2014.11 *Scuola Internazionale di Grafica Venezia*, Venice, Italy

COMMISSION

- 2017 *One Day*, Digital Interactive Installation, 2X2 digital displays, DOIIT Studio, Michigan, U.S.A.
- 2016 *The Flow of the Lotus*, Acrylic on Wall, 120 x 160 inches, MeiZao Villa Resort, Yunnan, China