Doris Jung-Lin Lee

dorisjunglinlee@gmail.com ● dorisjunglinlee.com● GitHub: dorisjlee

(510)-731-8742 ● Apt #308, 201 S. Wright Street, Champaign, IL, 61820

EDUCATION

Ph.D. Compute Science, University of Illinois, Urbana-Champaign	Aug 2016 - Present
B.A. Physics, Astrophysics, University of California, Berkeley	Sept 2013 - May 2016

RESEARCH EXPERIENCE

Graduate Student Research Assistant at UIUC	Aug 2016 - Present
Lawrence Berkeley National Lab Scientific Data Management Group	May 2016 - Aug 2016
UC Berkeley AMP Lab Big Data Genomics Group	January 2016 - Aug 2016
UC Berkeley Hybrid Ecologies Lab	June 2014 - Aug 2016
Princeton Astrophysical Fluid Dynamics Group	Summer 2015
UC Berkeley Star Formation Theory Group	November 2014 - Aug 2016
University of Illinois Laboratory for Cosmological Data Mining	May 2014 - Jan 2016

PUBLICATIONS

Full Conference Papers

- **Doris Jung-Lin Lee**, Joanne Lo, Moonhyok Kim, Eric Paulos, Crowdclass: Designing classification-based citizen science learning modules. *The Fourth AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2016)*, Austin, Texas, November 2016.

- Joanne Lo, **Doris Jung-Lin Lee**, Nathan Wong, David Bui, Eric Paulos,"Skintillates: Towards Epidermal Interactions". *ACM Designing Interactive Systems (DIS)*, Brisbane, Australia, June 2016. **Honorable Mention.**

- Laura Devendorf, Joanne Lo, Noura Howell, **Doris Jung-Lin Lee**, Nan-Wei Gong, M. Emre Karagozler, Ivan Poupyrev, Eric Paulos, Kimiko Ryokai,"'I dont want to wear a screen': Probing perceptions of and possibilities for dynamic displays on clothing". *ACM Transactions on Computer-Human Interaction (CHI)*, San Jose, USA, May 2016. **Best Paper Award.**

Workshop Publications

- Ling Jin, **Doris Jung-Lin Lee**, Alex Sim, Sam Borgeson, John Wu, Anna Spurlock and Annika Todd, Comparison of Clustering Techniques for Residential Energy Behavior using Smart Meter Data, *2nd International Workshop on Artificial Intelligence for Smart Grids and Smart Buildings* In conjunction with AAAI 2017.

- **Doris Jung-Lin Lee**, Robert J. Brunner, "Pattern Discovery and Large-Scale Data Mining on Cosmological Datasets". *6th Workshop on Algorithms for Modern Massive Data Set (MMDS)*, Berkeley, USA, June 2016. [Poster]

Technical Reports

- **Doris Jung-Lin Lee**, Aaron T. Lee, "astroSim: Jupyter Notebook tutorials for running astrophysical simulations through the gravitational collapse of a magnetized, rotating sphere". Zenodo. [doi.org/10.5281/zenodo.59657]

- **Doris Jung-Lin Lee**, Robert J. Brunner, "Creating updated, scientifically-calibrated mosaic images for the RC3 Catalogue"(2015) [arXiv:1512.01204].

PRESENTATIONS

- Crowdclass: Designing classification-based citizen science learning modules. [Slides]

    ◦ 10/31/16 HCOMP, Austin, Texas

    ◦ 10/18/16 UIUC HCI Seminar, Champaign, Illinois

    ◦ 10/13/16 Zooniverse Seminar at Adler Planetarium, Chicago, Illinois

- 05/05/16 Alyssa Morrow, Eric Tu, Frank Austin Nothaft, George He, **Doris Lee**, Anthony Joseph, David Patterson. "Mango: data exploration on large genomic datasets". UC Berkeley College of Engineering Undergraduate Research Symposium.

- 08/08/15 **Doris Lee**, Kengo Tomida, James Stone, "Three-Dimensional Simulations of Instabilities in Accretion Disk Torus". Princeton University Undergraduate Summer Research Program Final Presentation. [Technical Report]

- 03/25/15 **Doris Lee**, Robert Brunner,"Creating updated, scientifically-calibrated mosaic images for the RC3 Catalogue". Society of Physics Students West Coast Zone Meeting. [Poster]

PATENTS

- *Skintillates: Towards Epidermal Electronics Interactions.* Eric Paulos, Joanne Lo, Jung-Lin Lee, U.S. Provisional Patent Application No.62/174,735, June 2015.

- *Individually Addressable, Highly Efficient, Trifunctional Conductive Thread.* Eric Paulos, Kimiko Ryokai, Joanne Lo, Laura Devendorf, Jung-Lin Lee, Nan-wei Gong, Karen Robinson, Ivan Poupyrev, June 2015.

AWARDS

- UIUC Computer Science Excellence Fellowship   Oct 2016
- ACM DIS 2016 Honorable Mention Award   June 2016
- ACM CHI 2016 Best Paper Award   May 2016

SERVICE

ACM SIGCHI Executive Committee Student Volunteer
ACM IUI 2017 Reviewer
News Editor for ACM XRDS Student Magazine   Nov 2014-August 2016
Organization Mentor for Google Code-in youth programming contest   2015-2016 Season
Peer Mentor and Club Liaison for Society of Physics Students   Sept 2015-May 2016
Volunteer and Summer Program Coordinator at Berkeley COMPASS Project   Sept 2013-May 2016