

# Clayton Feustel

PhD Candidate

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## Research Interests

My research combines methods from human-computer interaction and health informatics with city panning . My work has explored how individuals interact with personal, social, and environmental data to design systems that promote reflection on personal health and encourage positive behavior change.

## Education

- 2016–Present **PhD, Computer Science**, *Georgia Institute of Technology*, Atlanta.  
Specializing in Human-Computer Interaction
- 2014–2016 **Masters, Computer Science**, *Georgia Institute of Technology*, Atlanta.  
Specializing in Human-Computer Interaction
- 2010–2014 **BSc, Computer Science**, *Georgia Institute of Technology*, Atlanta.  
Specializing in Artificial Intelligence & Devices

## Publications

- Conference Proceedings **Clayton Feustel**, Shyamak Aggarwal, Bongshin Lee, and Lauren Wilcox. People Like Me: Designing for Reflection on Aggregate Cohort Data in Personal Informatics Systems. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (UbiComp 2018)*, Singapore, Singapore. (27% acceptance rate)
- Matthew K. Hong, **Clayton Feustel**, Meeshu Agnihotri, Max Silverman, Stephen F. Simoneaux, and Lauren Wilcox. Supporting Families in Reviewing and Communicating about Radiology Imaging Studies. *Proceedings of the 35th Annual ACM Conference on Human Factors in Computing Systems (CHI 2017)*, Denver, CO, USA, 2017. (25% acceptance rate)
- Matthew K. Hong, Lauren Wilcox, **Clayton Feustel**, Karen Wasilewski-Masker, Thomas A. Olson, and Stephen F. Simoneaux. Adolescent and Caregiver use of a Tethered Personal Health Record System. *Proceedings of the 2016 AMIA Annual Symposium (AMIA 2016)*, Chicago, IL, USA, 2016.
- Workshop Proceedings **Clayton Feustel**, & Lauren Wilcox. Utilizing Multi-Modal Personal Health Tracking and Health Affordances of the Built Environment. *Workshop on Interactive Systems in Health Care (WISH 2017)*, Washington, DC, USA, 2017.
- Clayton Feustel**, & Lauren Wilcox. Personal Reflection Alongside Anonymous Aggregate Data. *Workshop on Social Issues in Personal Informatics (CSCW 2018)*, Jersey City, New Jersey, USA, 2018.

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## Service

- Peer-review **CHI: 2017.**  
Acted as a reviewer for CHI 2017.

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## Experience

- 2016 **Co-Founder**, *iSimu VR*, Duluth, Georgia.  
Co-founder and lead developer for VR arcade management system. I led a small development team in the design and deployment of a full-stack arcade management platform: flask-based back-end, C# windows application, web front-end, and customer-facing Unity environment. Combining my experience in human-computer interaction research and software development, I managed the team in a lean user-centered design process. To inform the initial design of our system, I conducted user interviews and ran small-scale focus groups of relevant stakeholders, and used Trello as a project management platform to assist in the rapid development of small iterative mid-fidelity prototypes.
- 2013–2014 **Test Automation Engineer**, *Ciena Corporation*, Alpharetta, Georgia.  
Designed and built a web-based program for internal requirements tracking. I was the primary developer for a web implementation of an existing windows application using primarily HTML, JQuery, and SQL.

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## Teaching

- 2018 **Teaching Assistant**, *User Interface Design - CS 3750*, Georgia Tech.  
Teaching assistant for a mixed undergraduate and graduate User Interface Design class responsible for grading and classroom organization. Additionally, led a lecture and a classroom activity.
- 2019 **Teaching Assistant**, *User Interface Design - CS 3750*, Georgia Tech.  
Teaching assistant for a large (70 student) undergraduate User Interface Design class responsible for primarily grading.

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## Mentoring

- 2018 **Shyamak Aggarwal**, M.S. Computer Science, Georgia Tech
- 2018 **Madhuri Bhavana**, M.S. Human-Computer Interaction, Georgia Tech
- 2017 **Danice Wang**, B.S. Biomedical Engineering, Georgia Tech

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## Awards

- 2014 **Graduated with Honors**, Bachelors in CS, Georgia Tech
- 2010–2014 **Dean's List**, Georgia Tech