

FANNIE LIU

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EDUCATION

- 09/15 - present **Carnegie Mellon University**, Pittsburgh, PA
Ph.D. Candidate in Human-Computer Interaction
Advisors: Laura Dabbish and Geoff Kaufman
- 09/09 - 09/14 **University of Pennsylvania**, Philadelphia, PA
M.S.E. in Computer Graphics and Game Technology, GPA: 3.87/4.00
B.S.E. in Digital Media Design, Magna Cum Laude, GPA: 3.61/4.00
Advisor: Norman Badler

WORK EXPERIENCE

- Human-Computer Interaction Institute**, Carnegie Mellon University
- 09/15 - present Research Assistant, Connected Experience Lab & eHeart Lab
- Exploring interventions to improve social interactions using sensed physiological data
 - Researching identity-based hashtag activism around marginalized groups
- LinkedIn**, New York, NY; Mountain View, CA
- 07/14 - 08/15 Software Engineer, Content Ingestion
- Developed backend infrastructure and schemas for ingesting content from third party websites for use within LinkedIn, including sharing on news feed and the Pulse application
- 06/13 - 08/13 Software Engineering Intern, Contacts
- Developed tasks and events section for the Connected application, including Python backend, Desktop frontend, iOS, and mobile web
- SIG Center for Computer Graphics**, University of Pennsylvania
- 10/12 - 05/13 Research Assistant
- Developed motion filtering tool and conducted user studies to test viewers' sensitivity to emotion conveyed by animated characters generated from motion capture data
- Google**, New York, NY; Cambridge, MA
- 05/12 - 08/12 Software Engineering Intern, AdWords Editor (AWE)
- Developed testing framework using Squish test automation tool for new backend of AWE
- Software Engineering Intern, Google Web Server (GWS)
- 06/11 - 08/11
- Developed an internal incentive site to crowdsource learning and completion of existing bugs/tasks in GWS

PUBLICATIONS

F. Liu, G. Kaufman, L. Dabbish, "Design Considerations for Expressive Biofeedback in Social Interactions," in Workshop on Collocated Interaction: New Challenges in 'Same Time, Same Place' Research (CSCW 2016).

A. Normoyle, **F. Liu**, M. Kapadia, N. Badler, S. Joerg, "The Effect of Posture and Dynamics on the Perception of Emotion," in ACM Symposium on Applied Perception, August 2013.

TEACHING EXPERIENCE

Department of Computer Science, University of Pennsylvania

01/14 - 05/14 Teaching Assistant, CIS660: Advanced Computer Graphics

- Graded assignments and held office hours

09/11 - 05/13 Head Teaching Assistant, CIS110: Introduction to Computer Programming

- Managed and assigned duties to TAs, and planned staff meetings and TA training, organized TA retreat
- Led a lab section of 20 students, held office hours, and graded assignments and tests

HONORS

2016 NSF GRFP Fellowship Honorable Mention

2012-2014 Dean's List, University of Pennsylvania

SKILLS

Programming Java, Python, C++, HTML, CSS, JavaScript

Software Adobe Creative Suite, Autodesk Maya, Unity