

Mary Beth Kery

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Education

- Aug. 2015 - ongoing Ph.D. in Human-Computer Interaction
Carnegie Mellon University, Pittsburgh, PA
- Aug. 2011 - May 2015 B.A. Computer Science, minor in Studio Art
Wellesley College, Wellesley, MA
- Jan. 2014 - June 2014 Study Abroad
Slade School of Art, University College London, London

Research Experience

- Aug. 2015 - ongoing Graduate Research Assistant, Human-Computer Interaction Institute,
Advisor: Brad Myers
- Sept. 2014 - Jan. 2015 Undergraduate Research, Wellesley College HCI Lab
Advisor: Orit Shaer
- June 2014 - Aug. 2014 NSF Research Experience for Undergraduates,
University of California Berkeley
Mentors: Bjoern Hartmann, Christopher Myers
Worked on developing a mixed-reality tool for drawing on a tablet mounted to a portable CNC router: involved computer vision, software development in Processing (Java), interface design and digital fabrication
- May 2013 - Aug 2013 NSF Research Experience for Undergraduates,
North Carolina State University
Mentors: R. Michael Young, Liquid Narrative Research Group
Worked on developing a software tool for building interactive narrative in a virtual environment for the simulation of crime scenes: involved artificial intelligence, development in C# and Unity, interface design and production planning

May 2012 - Aug. 2012 Undergraduate Research, Wellesley College
Advisor: Brian Tjaden
Worked on developing a software tool in Java for computational biology

Mentorship

May 2016 - Aug. 2016 Amber Horvath (Undergraduate REU student, Oregon State University)
May 2016 - Aug. 2016 Michael Puskas (Undergraduate REU student, Arizona State University)

Publications

Mary Beth Kery, Amber Horvath and Brad A. Myers. "Variolite: Supporting Exploratory Programming by Data Scientists," Proceedings CHI'2017: Human Factors in Computing Systems, Denver, CO, May 6-11, 2017. To appear.

Mary Beth Kery, Claire Le Goues, and Brad A. Myers. "Examining programmer practices for locally handling exceptions." In Proceedings of the 13th International Workshop on Mining Software Repositories, pp. 484-487. ACM, 2016.

Mary Beth Kery, Monica Feldman, Jonathan Livny, and Brian Tjaden. "TargetRNA2: identifying targets of small regulatory RNAs in bacteria." Nucleic acids research (2014): gku317