

SARAH MOSS-HORWITZ

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- EDUCATION** Carnegie Mellon University, Class of 2017, QPA 3.52/4.0
Bachelor of Science in Decision Science
Additional Major in Human- Computer Interaction, Minor in Learning Media
- SKILLS** User Experience Research, Product Design and Testing, Iterative Design, Wireframing
Data Analysis, Project Management, Rapid Prototyping, Usability Testing,
Instructional Design, Storyboards, Qualitative Methods, Quantitative Analysis
- TOOLS** **Design** Illustrator, InDesign, Photoshop, PremierePro, AfterEffects, Sketch, Axure
Data Analysis STATA, R, Excel, SPSS
Development Javascript, HTML5, CSS3, Bootstrap, Wordpress
- EXPERIENCE** **Design Fellow**, TechChange, Washington, DC, Summer 2016
Worked with interdisciplinary design, instructional and development team to develop multi-media learning experiences for non-profit/ NGO international clients.
Built online learning module for World Bank using Articulate Storyline with custom interactive assets and interactions. Independently designed and built course on Best Practices of Teaching Online.
- Human Factors Intern**, UL-Wiklund Research and Design, Concord, MA, Summer 2015
Observed, coded and analyzed three usability tests for medical devices with users.
Led Known Problems Analysis of IVUS/ OCT imaging systems based on Adverse Event Reports as part of competitive analysis.
Wrote Formative and Summative Human Factors reports for FDA approval.
- Writing Teaching Fellow**, Breakthrough New York, Brooklyn, NY, Summer 2014
Co-taught 50 high-potential, underserved seventh graders for 6 weeks.
- RESEARCH** Participated in over 300 hr intense teacher training over 2 weeks and throughout the summer.
- Mentoring Decision Game**, CMU HCII, Fall 2016- Present
Independent project focused on developing tools and games to support peer mentorships. Prototyped initial concept, conducting usability tests and further user research/ education research to evaluate outcomes.
- Rapid EdTech Piloting**, Learning Media Research Center, Fall 2015-Spring 2016
Conducted rapid- assessment of piloting in schools for Digital Promise project.
- LEADERSHIP** Worked with school administrators, teachers and students to test tools and produce report for decision makers.
- French One Online Data Analysis**, Fall 2014
Conducted analysis of French One online course using Datashop, over 500,000 transactions, observational studies of student utilization. Co-authored published paper.
- Student Representative**, General Education Committee, Dietrich College, Fall 2015-Present
Active member on Dean and Faculty led re-design of college general education committee.
- Resident Assistant**, Student Life, Carnegie Mellon University, Fall 2014- Spring 2016
Supported 40-50 students in residence hall, connecting them with resources.
Facilitated community wide events, held weekly educational and social programs.
- President**, CMU EdTech, Carnegie Mellon University, Fall 2014- Spring 2016