

# ELIZABETH ONSTWEDDER

[www.elizabethonstwedder.com](http://www.elizabethonstwedder.com)  
[elizabeth@onstwedder.net](mailto:elizabeth@onstwedder.net)  
919-797-8620

## EDUCATION

**Carnegie Mellon University**  
**Human-Computer Interaction Institute**  
Pittsburgh, PA

Masters in Educational Technology and  
Applied Learning Science  
Aug 2018

**Duke University**  
Durham, NC

B.A. in Cognitive Science (self-designed  
major)  
May 2015

## SKILLS

### Design

Interactive prototyping  
Wireframing  
User research  
User/usability testing  
Curriculum development  
Online learning  
Backwards design  
Cognitive task analysis

### Tools

Illustrator  
InDesign  
Adobe XD  
Figma  
Jira

### Code

HTML/CSS  
XML  
JavaScript  
Python  
Java

## EXPERIENCE

### Learning Experience Designer

Eberly Center, Carnegie Mellon University | Pittsburgh, PA  
Aug 2018 – Present

- Create and manage online courses in partnership with subject matter experts, data analysts, and software engineers
- Improved usability of learning analytics dashboard by streamlining mapping of 1802 skills in course used by 23 institutions
- Collaborated with software engineers to enhance user experience of content authoring tool
- Led user testing of interactive learning activities and two edtech tools

### Coursera Java Specialization Project Coordinator

Duke University | Durham, NC  
Dec 2015 – Jun 2017

- Supported 5 online computer science Java courses on Coursera
- Made data-driven revisions to courses that increased passing rates by 47% in collaboration with faculty and project manager
- Developed instructional readings, quizzes, videos, and website content

### Research Assistant

Duke University | Durham, NC  
Jun 2013 – Aug 2013 [[publication](#)]

- Co-designed and produced interactive math game for use in North Carolina schools

## PROJECTS

### Team Lead

Lighthouse | Jan 2018 – Aug 2018

- Led agile team of six to develop functional data dashboard prototype for industry client Edmentum
- Conducted iterative prototyping and remote user testing with teachers

### Learning Experience Designer

Project Sync | Sep 2017 – Dec 2017

- Created prototype of portfolio platform for Quaker Valley High School's internship program

### User Experience Designer

CommonSpace | Oct 2017 – Nov 2017

- Designed web platform to facilitate collaboration between non-profit organizations in Pittsburgh