

## Employment

**Director of User Experience** Fast Orientation, Inc. (PEEQ)

April 2015–Feb 2017

- Designed UX/UI for PEEQ, a new kind of network security product.
- Created user flow diagrams, sketches, wireframes, and prototypes of proposed features.
- Architected HTML, Sass, & transition states for PEEQ; wrote numerous AngularJS components.
- Led planning, retrospective, and stand-up meetings whenever scrum master was out of the office.

**Director of User Experience** HomerLearning, Inc. (Learn with Homer app for iPad and Web)

Sept 2014–Jan 2015

**Product Manager, UX Designer** HomerLearning, Inc. (Learn with Homer app for iPad and Web)

Sept 2012–Sept 2014

- Built a prototype of the app that enabled Homer's founder/CEO to raise over \$4MM in seed funding.
- Crafted an intuitive user experience for the iPad app that has been used by millions of 2–7-year-olds, connecting 100s of stories, songs, nonfiction lessons, and a 22-level sequential phonics program.
- Guided the UX of a new HTML 5 web app, based on Homer's award-winning app for iPad.
- Designed and conducted 100s of usability tests on iPads & laptops w/children aged 2–7 and parents.
- Led focus groups w/parents & developed surveys to inform decision-making around usability & value.
- Managed a team of developers, illustrators, & animators until I recruited Homer's CTO & art director.
- Collaborated with team to set realistic timelines for content production, upload, & quality checks.
- Prepared & managed content and feature quality checks before app & web updates. Prioritized fixes.
- Programmed key website features (HTML5/SASS/CSS3/JavaScript/jQuery/Django/Python/Google Analytics/Kissmetrics) & designed and implemented the website's responsive behavior.
- Implemented custom tracking, analytics, & reporting for Homer's website and iPad app.
- Customized an open-source typeface for the app, to make letterforms easier for children to read.
- Wrote technical FAQs & customer support responses; managed customer support until May 2014.
- *2014 Awards for Homer:* Appy for Best Educational Game, *Creative Child Magazine's* App of the Year & Media of the Year, Mobile Future's "Mobiley," Editor's Choice from Common Sense Media, +6 more...
- Featured on *Today*, *Morning Joe*, *The New York Times*, *Forbes*, & 10 top banner features on the App Store.

**User Experience Designer & Front-End Developer** Parsons, The New School for Design

May–Sept 2012

- Designed interaction flows and wireframes for a web-based vulnerability mapping system for the International Federation of Red Cross/Red Crescent Societies.
- Designed UX for entry, retrieval, & visualization of vulnerability data, optimizing the UX for field workers who input info, and decision makers who need to access information at a micro & macro level.
- Developed front-end (HTML/CSS/JS) for integration w/existing database & mapping framework.

**Information and User Experience Designer** Eurasian Harm Reduction Network (EHRN)

June 2011–Mar 2012

- Designed logo, template documents, website, and style guide for EHRN in Vilnius, Lithuania.
- Taught staff about design strategy to better prepare them to design digital campaigns.

**Teaching Fellow** Parsons, The New School for Design

August 2011

- Taught Introduction to Code to incoming Parsons MFA students during an intensive 'Boot Camp' course. Also taught 'Math for Code' workshops to introduce useful concepts for programming.

**Freelance Work** in digital design, development, and strategy; theater; and video.

June 2006–Present

- Private and commissioned projects in web, film, video, and theater for clients including Juventas New Music Ensemble, The Ben Powell Quartet, Emmanuel Church Boston, Guerilla Video, and Jay Scheib.

## Education

**Parsons, the New School for Design** New York, NY

2010–2012

*Degree:* MFA in Design and Technology (2012)*Honors/Awards:* Award winner of "The New Challenge" • Parsons/OSF Fellow in Info. Design • Dean's Scholarship.**Massachusetts Institute of Technology** Cambridge, MA

2002–2006

*Degrees:* SB in Physics and SB in Theater Arts (2006)*Honors/Awards:* Arts Scholar • Burchard Scholar for Humanities, Arts & Social Sciences • Edward S. Darna Award for Excellence in Theater • Emerson Scholar • Ragnar & Margaret Naess Award • Thomas D. Cabot Scholarship.

## Technical Skills

Rapid prototyping

Adobe Creative Suite

Data Visualization

Angular

Processing (Java)

Wireframing

OmniGraffle &amp; Sketch

Final Cut Studio

MySQL

Arduino &amp; Physical Computing

Interaction mapping

HTML5, CSS3 &amp; SASS

Videography

PHP &amp; Wordpress

Agile/Scrum Methodology

User/Usability testing

JavaScript &amp; JQuery

Audio Engineering

Python &amp; Django

Basic knowledge of German