

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 that enables companies to better understand their networks through an understanding of how people, devices, & applications interact.
- Architected HTML, Sass, transition states, and wrote numerous AngularJS components/directives.

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 ultimately 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 over a million 2–7-year-olds, connecting hundreds 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 and laptops with children aged 2–7 and their parents.
- Led focus groups with parents and developed surveys to inform decision-making around usability and value.
- Prepared and managed content and feature quality checks before app and website updates and prioritized fixes.
- Programmed key features on learnwithhomer.com (HTML5/SASS/CSS3/JavaScript/jQuery/Django/Python) and designed and implemented the website's responsive behavior.
- Implemented custom analytics tracking and reporting for learnwithhomer.com and the Learn with Homer app.
- Customized an open-license typeface for the app, in order to make letterforms easier for children to read.
- Wrote technical FAQs and customer support responses; managed customer support until May 2014.
- 2014 Awards for Learn with Homer: Appy Award for Best Educational Game, Teacher's Choice Awards for the Family and for the Classroom, Mom's Choice Gold Award, Parents Choice Silver Award, Mobile Future's "Mobility" Award, App of the Year and Media of the Year from *Creative Child Magazine*, Children's eBook Award for Best Early Learner App, Pick of the Year from CoolMomTech, and Editor's Choice from Common Sense Media.
- Featured on *The Today Show*, *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–August 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, and visualization of vulnerability data, optimizing the UX for field workers who input information, and decision makers who need to access information at a micro and macro level.
- Developed front-end code (HTML/CSS/JavaScript) for integration with an existing database & mapping framework.

Information and User Experience Designer

Eurasian Harm Reduction Network

June 2011–Mar 2012

- Redesigned logo, template documents and website for Eurasian Harm Reduction Network in Vilnius, Lithuania.
- Designed and built a custom Google map interface for exploring regional health.
- 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 Design and Technology MFA students during an intensive 'Boot Camp' course. Also taught 'Math for Code' workshops to introduce useful concepts for computer programming.

Freelance Work

in digital design, development, and strategy; theater; and video.

June 2006–Mar 2015

- 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.

Project Manager and Quotations Specialist

Graybar Electric Company, Inc.

Aug 2006–July 2010

- Analyzed plans & specs for construction projects and quoted electrical switchgear. Trained/advised 5 colleagues in project management. Managed billing of and follow-up to switchgear projects. Conducted detailed financial audits.

Education

Parsons, the New School for Design

New York, NY

2010–2012

Degree: MFA 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: S.B. in Physics and S.B. in Theater Arts (2006)

Honors/Awards: MIT Arts Scholar • Burchard Scholar for the Humanities, Arts and Social Sciences • Emerson Music Scholar • Edward S. Darna Award for Excellence in Theater Arts • Ragnar and Margaret Naess Award.

Technical Skills

Rapid prototyping
Wireframing
Interaction mapping
User/Usability testing

Adobe Creative Suite
OmniGraffle & Sketch
Data Visualization
Final Cut Studio

Videography
Audio Engineering
HTML5, CSS3 & SASS
MySQL

JavaScript & JQuery
Angular
PHP & Wordpress
Python & Django

Processing (Java)
Arduino & Physical Computing
SketchUp
Basic knowledge of German