

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.
- Created user flow diagrams, sketches, wireframes, and prototypes of proposed features.
- Architected HTML, Sass, and transition states for PEEQ; wrote numerous **AngularJS** components/directives.
- 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 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.
- Managed a team of developers, illustrators, and animators until I recruited Homer's CTO and art director.
- Collaborated with content manager to **set realistic timelines** for content production, upload, and quality checks.
- Prepared and managed content and **feature quality checks** before app & website updates and **prioritized fixes**.
- Programmed **key features** on learnwithhomer.com (HTML5/SASS/CSS3/JavaScript/jQuery/Django/Python/Google Analytics/Kissmetrics) and **designed and implemented the website's responsive behavior**.
- Implemented custom tracking, analytics, & reporting for learnwithhomer.com and the app for iPad.
- 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, *Creative Child Magazine's* App of the Year & Media of the Year, Mobile Future's "Mobility" Award, Editor's Choice from Common Sense Media, +6 more...
- 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 (HTML/CSS/JavaScript) for integration with an 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.
- 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

- Managed multi-year electrical switchgear projects. **Trained/advised 5 colleagues in project management.** Analyzed plans/specs for construction projects & quoted electrical switchgear. 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 Information 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 Humanities, Arts & Social Sciences • Edward S. Darna Award for Excellence in Theater Arts • Emerson Music Scholar • Ragnar and Margaret Naess Award • Thomas D. Cabot Scholarship

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
JavaScript & JQuery

Angular
MySQL
PHP & Wordpress
Python & Django

Processing (Java)
Arduino & Physical Computing
Agile/Scrum Methodology
Basic knowledge of German