

Employment

Director of User Experience (3 months), **Product Manager, UX Designer** (2 years) HomerLearning, Inc. September 2012–Present

- Crafted an intuitive user experience 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.
- Designed and conducted hundreds of usability tests with children aged 2–7 and their parents.
- Led focus groups with parents and developed online surveys to inform decision-making around usability and perceived value of features being developed.
- Wrote technical FAQs and customer support responses; managed customer support until May 2014.
- Managed content and feature quality checks before each app and website update and prioritized fixes.
- Programmed key features on learnwithhomer.com (HTML5/SASS/CSS3/JavaScript/jQuery/Django/Python) and designed/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.
- 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 "Mobiley" 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*, and more.

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 data entry and retrieval/visualization of that data, optimizing the experience for people on the ground who input information, and decision makers who need to access information at a micro and macro level.
- Developed the front-end code (HTML/CSS/JavaScript) for integration with an existing database framework.

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.

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.

Freelance work in theater, video, web design and development, and digital strategy

June 2006–July 2010

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

Project Manager and Quotations Specialist Graybar Electric Company, Inc.

Aug 2006–July 2010

- Analyzed plans and specifications for construction projects and quoted electrical switchgear required.
- Trained & advised 5 employees in project management.
- Coordinated projects in communication w/contractors, engineers and product manufacturers.
- Trouble-shot material & delivery challenges in long-term projects.
- Managed billing of and followup to switchgear projects.
- Conducted 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 School's "New Challenge" • Parsons/OSF Fellow in Information Design.

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
Proto.io
Final Cut Studio
Videography
Audio Engineering

HTML5, CSS3 & SASS
MySQL
Compass framework
JavaScript & JQuery
PHP

Wordpress
Python
Django
AJAX
API Integrations

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