

## EDUCATION

- 2012 • Master of Human-Computer Interaction  
Carnegie Mellon University
- 2011 • B.S. Computer Science, with Highest Distinction  
University of Virginia  
-Minors in Systems Engineering and Applied Mathematics

## EXPERIENCE

- 2014-present • Senior Interaction Designer  
Eaton Corporation  
-Led the user experience design effort for the modernization of Eaton's flagship power monitoring solution.  
-Created reusable library of styled Web Components to enable rapid application development that meets design standards
- 2012-2014 • Interaction Designer  
Eaton Corporation  
-Designed and developed multiple web-based power monitoring applications using JavaScript, HTML, and CSS  
-Validated potential product designs through user testing and prototype iteration
- 2012 • Technical Lead, Documentation Co-Lead  
MHCI Capstone Project (CMU / Shoefitr)  
-Collaborated with start-up Shoefitr to revolutionize the online shoe shopping experience  
-Investigated shoe shopping behaviors and performed evaluations of existing products to identify areas for improvement  
-Shoefitr acquired by Amazon in April 2015
- 2010-2011 • Researcher, Developer, Co-Author  
"Using Crowdsourcing to Enhance Crisis Management"  
-Investigated open-source crowdsourcing platforms and their applicability to crisis situations  
-Developed a suite of applications for mobile and web  
-Presented system to the American Red Cross, FEMA, and at the Frontiers in Education: Computer Science and Computer Engineering Conference, 2012
- 2009-2010 • JavaScript Programmer  
Telos Corporation  
-Built and tested JavaScript library to test system compliance with suggested protective measures for security issues  
-Created a framework to automate test script generation for newly released security patches

## WHAT TO EXPECT

As a UX Engineer, I bridge the gap between designers and developers. I pride myself on my ability to find clever solutions to complex design and programming problems. I've worked on software products spanning embedded, mobile, and desktop applications, consistently delivering exceptional results. I adapt quickly and am not afraid to jump into unfamiliar territory and learn new skills.

## HCI METHODS

Wireframing	● ● ● ● ●
Prototyping	● ● ● ● ●
Heuristic Evaluation	● ● ● ● ●
Affinity Diagramming	● ● ● ● ●

Contextual Inquiry, Modeling, Speed Dating, Storyboarding, Think-Alouds

## PROGRAMMING

JavaScript	● ● ● ● ●
HTML/CSS	● ● ● ● ●
React	● ● ● ● ●
Polymer	● ● ● ● ●

Actionscript, Angular 2, C++, C#, ExtJS, Java, PHP, SASS, SQL, XAML, XML

## SOFTWARE

Adobe Illustrator	● ● ● ● ●
Visual Studio	● ● ● ● ●
Atlassian Tools	● ● ● ● ●
Microsoft Office	● ● ● ● ●

Photoshop, InDesign, Axure, Eclipse, Camtasia Studio, Expression Blend, Flash, Git, Proto.io, Team Foundation Server, Wordpress

## HONORS & AWARDS

Dean's List  
Rodman Scholar  
Intermediate Honors  
URDS Finalist  
Louis T. Rader Honorable Mention