

I am a product-oriented software engineer who enjoys breathing life into great ideas and delivering rich experiences at massive scale. I believe in perfecting the user experience, so I sweat the smallest details. Every color, every pixel, and every frame of every animation should work together to surprise and delight the user. I aim to write code that is as reliable and intuitive as the product itself, creating world-class experiences for users and developers alike.

Experience **LinkedIn – Senior Software Engineer (October 2015 – Present)**

- Rolled out a new messaging experience that offers an easier and more lightweight way to have professional conversations with your connections. I was responsible for the API design, polling architecture, tracking, performance, testing, and perfection of the user experience across multiple features and platforms.
- Conceptualized, designed, and built a regular expressions crossword puzzle to attract engineering talent to LinkedIn. This personal side project turned into an enormous success, getting attention on social media and news sites while attracting tens of thousands of potential candidates: engineering.linkedin.com/puzzle
- Awarded LinkedIn’s “Best on Planet” Interviewer Award for conducting over 100 interviews in 2015.

LinkedIn – Front-End Software Engineer (February 2014 – September 2015)

- Designed and implemented the front-end architecture for the new homepage’s top two “Identity” and “Keep in touch” modules, which have more than doubled interaction with network updates and helped members nurture their network to be successful.
- Built JS utilities and CSS components that have been leveraged by multiple teams across the company.
- Acted as a mentor for two summer interns over two summers, helping them build their first modules and gain confidence as software engineers.
- Awarded LinkedIn’s Rockstar Award for user experience development.

Wayfair – Software Engineering Intern (June 2013 – August 2013)

- Worked with twelve other interns to rewrite a large internal tool for managing supplier information.
- Designed and developed a new internal tool using the full stack and MVC techniques to help employees receive and manage repair orders for damaged shipments.
- Developed a customer-facing page for tracking shipments via the FedEx and UPS APIs.

PreserVenice.org – Software Engineering Consultant (June 2012 – July 2012)

- Collaborated with the United Nations Educational, Scientific, and Cultural Organization (UNESCO) to develop a smartphone app and website that lets users locate, update, and contribute to a database of public art in Venice. It serves as a model for all world heritage sites.

Simtable.com – Software Engineering Consultant (May 2012 – June 2012)

- Developed a demo of a smartphone app and simulation table UI that would ultimately be used by the U.S. Secret Service for security planning at the 2013 Presidential Inauguration.

Projects

ALS Variant Server (September 2012 – December 2012)

Collaborated with a team at UMass Medical School to develop a website that helps researchers around the world browse gene variants as they attempt to identify the cause of ALS: als.umassmed.edu

HeatmapTool.com (December 2011 – Present)

Created a web service that converts geographical data into a customizable heat map overlay for the Google Maps API. Payments are handled via PayPal Instant Payment Notifications: heatmaptool.com

SafeVoices.org (January 2010 – September 2012)

Volunteered to create a website for Safe Voices that offers resources for abuse victims. It includes a feature that masks the victim's browsing history from their abuser in the event of an emergency: safevoices.org

Education

Worcester Polytechnic Institute (2009 – 2013)

B.S. with High Distinction, Computer Science and Aerospace Engineering, Physics Minor (3.94/4.00)

Skills

Languages – HTML5, CSS3, SCSS, JS, Java, Scala, Swift, C, Objective C, Python, Ruby, PHP, MySQL, MSSQL

Frameworks – Express, Angular, Backbone, Marionette, Play, Mocha

Libraries & Tools – Node, jQuery, Underscore, Firebase, Venus, Dust, Gulp, IntelliJ, Xcode, Git, SVN

Graphic design and video editing – Illustrator, Photoshop, Fireworks, Premiere

Server management and administration – Apache, Nginx, Linux, UNIX