

Qualification Highlight

I am an urban designer and technologist working at the intersection of design, technology, business strategy, and the built environment. I have successfully led both complex urban development projects and digital product initiatives, and bring a strong background in design research and teaching.

Work Experience

01/2016 - Present **Senior Associate, Urban Designer / Design Technologist**
Watertown, MA Sasaki

Oversee urban planning and real estate projects for public- and private-sector clients from conceptual design through implementation, with a particular emphasis on urban mixed-use development;

Prototype digital products to visualize development metrics and facilitate real estate decision-making;

Plan and execute strategies for client and stakeholder engagement;

Lead marketing and business development efforts across the country.

09/2014 - Present **Adjunct Professor, Information Design and Visualization**
Boston, MA Northeastern University

Develop and teach graduate-level courses in data visualization, focusing on realizing design best practices through the latest frontend technologies (d3.js, ES6);

Design and prototype digital research projects, including **Art of the March**, a visualization of the 2017 Women's March using React and WebGL.

06/2010 -
12/2015
Boston, MA **Senior Designer**
Utile

Led innovative data analysis and information design projects, including **Boston's 2030 Mobility Strategy** and **Boston Complete Streets Guidelines** (*APA National Award for Communication Design, 2015*);

Prototyped **City x City**, a digital dashboard that helped Massachusetts's state economic development agency coordinate investment decisions across the state.

06/2013 -
03/2014
Cambridge, MA /
Singapore **Project Lead**
SENSEable City Lab, MIT

Led research, design, and development of digital projects that visualize complex behavior in urban spaces;

Worked with clients including **Coca Cola** and the **Government of Singapore** on the design and prototyping of digital products.

Education

2008 - 2010
Cambridge, MA **Harvard University**
Master in Urban Planning

2004 - 2008
Toronto, ON **University of Toronto**
Bachelor of Applied Science in Engineering Science

Skills Highlight

Technical

HTML/CSS, ES6, React/Redux, d3.js, WebGL, Webpack, Express, MongoDB, Amazon S3

Other

Design strategy, design research, writing, presentation, meeting facilitation

Additional Activities

2014 - Present **Urban Land Institute**
Member, Boston area Urban Development Product Council

2018 **Organizer, Boston Data Visualization Meetup**
Organize and curate talks for a monthly Meetup of Greater Boston area's data visualization and data science practitioners