

# Erik Ulberg

ulberge@gmail.com — (206) 948-3348

## EDUCATION

---

**Carnegie Mellon University**, School of Architecture, Pittsburgh, PA *May 2020*  
Master of Science in Computational Design

**Carleton College**, Northfield, MN *June 2009*  
Bachelor of Arts in Computer Science, Honors: *magna cum laude*, Distinction in Major

## WORK EXPERIENCE

---

**School of Architecture, Carnegie Mellon University** Pittsburgh, PA  
*Graduate Research Assistant* *Sept 2018-May 2019, Sept 2019-Current*

- Perform media archeology research on influential design software from primary documents.
- Replicate an early expert AI design system using JS and React.

**Human-Computer Interaction Institute, Carnegie Mellon University** Pittsburgh, PA  
*Summer Research Assistant* *May 2019-Aug 2019*

- Analyzed data as part of a team researching classroom sensing for professional development.
- Created teacher-student interaction charts using JS, React, D3 and TensorFlow.

**Self-Employed** Seattle, WA  
*Freelance Web Developer* *June 2014-May 2018*

- Developed WordPress and Shopify sites for over 30 clients using JS, PHP, and React.
- Worked closely with clients to understand needs and recommend approaches.

**Salesforce.com** San Francisco, CA and Seattle, WA  
*Senior Member of Technical Staff (Seattle)* *May 2013-Aug 2013*  
*Member of Technical Staff (Seattle)* *Sept 2011-May 2013*  
*Associate Member of Technical Staff (San Francisco)* *Aug 2009-Sept 2010*

- Built features for a social collaboration tool being used by millions of users.
- Developed a responsive web UI in Java, JS, and PL/SQL.

## SKILLS

---

**Programming:** JS, Python, Java, PHP, HTML, CSS, SQL, React, Node, Git, jQuery, Bootstrap  
**Languages:** English (native), Spanish (advanced)

## ADDITIONAL COURSEWORK

---

**University of Washington, DXARTS**, Seattle, WA *Summers 2016-2017*  
15 credits in Digital and Experimental Arts

**Gage Academy of Art**, Seattle, WA *Apr 2014-June 2016*  
Magrath Atelier (2 years in half-time sculpture program), additional courses in painting and drawing