

Erik Ulberg

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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