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*

- Replicate an early CAD system using ReactJS as a way to enliven historical media.
- Led a class workshop and mentored other students on prototyping CAD systems in JS.

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

- Generated teacher movement charts from video data using ReactJS, D3 and TensorFlow as part of a team researching classroom sensing for professional development.

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

- Constructed a note management prototype app using ReactJS, PHP, SQL and WordPress.
- Developed a personal finance app in JS, PHP, SQL and WordPress.
- Edited Shopify sites for over 30 clients using JS and Liquid (Similar to PHP).

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

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

SKILLS

Programming: JS, Python, Java, PHP, HTML, CSS, ReactJS, Git, jQuery, Bootstrap