

Erik Ulberg

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EDUCATION

Carnegie Mellon University, School of Architecture, Pittsburgh, PA May 2020
Master of Science in Computational Design, GPA: 4.02

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.
- Lead a class workshop and tutor 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.
- Mentored colleagues on modern approaches to building web apps.

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

- Collaborated closely with clients on a personal finance app, a note management prototype, and over thirty Shopify sites.
- Worked independently, building full-stack skills across JS, ReactJS, PHP, and SQL.

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, Digital and Experimentals Arts, Seattle, WA Summers 2016-2017
15 credits in immersive art, photogrammetry, and mechatronics

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

SKILLS

JS, Python, Java, ReactJS, Backbone.js, TensorFlow, p5.js, MongoDB, SQL, git