

Erik Ulberg

erikulberg.com • github.com/ulberge • 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

- 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