

DANIEL MAIER

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SUMMARY: *After 10 years in the construction industry as a Mechanical Engineer I'm looking to take on a new challenge. I've learned full stack web development via University of Washington's Professional and Continuing Education courses because I realized that my favorite part of my job was creating and improving engineering spreadsheet tools used to aid in mechanical design that I shared with my colleagues. I find creating, testing, perfecting and sharing the tools to be very satisfying and fulfilling; I'm looking to transition full time to a career in web development.*

Portfolio: https://danzosh.github.io/DanZosh_Portfoliosh_Update/

GitHub: <https://github.com/DanZosh>

EXPERIENCE + NOTABLE PROJECTS:

SunDial - Time and project tracking web application

- Collaborated with a team to develop a robust full stack web application based on a spreadsheet tool I've developed and used to track my project work for the past 10 years.
- JavaScript, Sequelize, jQuery, Node, Express, Bootstrap, Chart.js

BreweryHopper - Fun front end web application

- Managed a team to develop a front end web application utilizing an existing API to create a fun web application to search breweries based on location with a map function.
- JavaScript, jQuery, AJAX, Materialize

CURRENT POSITIONS:

PAE – Seattle, WA Lead Project Engineer 07/2017 to Present

- Designed HVAC and Plumbing systems for projects including residential, stadium, higher education and transportation projects. Deployed VRF systems, DOAS heat pump and VAV mechanical systems. Specified high performance plumbing systems and water reclamation systems. Lead and contributed to a diverse team of engineers to create and deliver contract documents for projects that meet and exceed client expectations.
- **Facebook Morton Commissary** • Plumbing Design for a 225,000 sf commercial kitchen.
- **Hayward Field Redesign** • New construction stadium project for University of Oregon including grandstands, team facilities, laboratory and museum space.
- **Microsoft Campus Refresh** • 600,000 sf below grade garage with loading dock and support spaces.

DESIGN REVIEW BOARD - SE District Seattle, Wa – Local Residential Representative 04/2019 to Present

- Volunteer to represent my community to ensure proposed construction projects adhere to the city and neighborhood design review guidelines and propose areas in which to improve building and site design features.

PREVIOUS POSITIONS:

EYP – Washington, DC Project Engineer 06/2015 to 06/2017

DEWBERRY – Fairfax, VA Graduate Engineer /Project Engineer 06/2011 through 06/2015

EDUCATION:

University of Washington - Coding Boot Camp Certificate Program • Seattle, WA • March, 2021

Illinois Institute of Technology • Chicago, IL • Master of Architectural Engineering • May, 2011

University of Central Florida • Orlando, FL • B.S. Civil Engineering • August, 2009

LICENSES AND AWARDS: Professional Engineer, Mechanical – Virginia/Washington University of Central Florida CECS Valedictorian 2009 PAE Teamwork Award 2018.

TECHNOLOGIES: Revit | AutoCAD | JavaScript | jQuery | HTML/CSS | SQL |

ORGANIZATIONS: ACE Mentors Seattle 10/2017– 06/2019