

DANIEL MAIER

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SUMMARY: An enthusiastic professional engineer with an interest in high performance mechanical building systems, great communication skills, and a passion for architecture, the built environment and community development.

CURRENT POSITIONS:

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

- Designed HVAC and Plumbing systems for new construction 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.
- **701 Dexter** • HVAC systems for new construction high rise lab/office core and shell and amenity spaces.
- **Morton Commissary** • Plumbing for a 225,000 sf commercial kitchen, bakery and support spaces.
- **Aegis Eastlake** • HVAC for an assisted-living facility pursuing the Seattle Living Building Pilot Program.
- **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.

PAST EXPERIENCE:

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

- Collaborated with a diverse team of building designers from day one thinking to clash detection. Develop contract documents including specifications, and Drawings based on coordinated 3D Revit Models. Participated in improving company-wide drafting standards and cross discipline education programs.
- **College of Wooster Ruth W. Williams Hall of Life Sciences** • New higher education life sciences building
- **Grinnell College Humanities & Social Studies Complex** • Higher education humanities building consisting of classrooms, offices, an 8,500 ft² atrium and incorporation and renovation of two historic buildings.

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

- Designed air side and water side HVAC systems for multi-zone VAV tenant fit outs by developing contract documents and Drawings. Performed site visits and submittal reviews as part of construction administration.
- **Arnold and Porter at 601 Mass Ave** • Commercial office fit-out with Conference Center and Commercial Kitchen
- **NPR Headquarters** • Commercial office fit-out with Food Service, Fitness Center, Broadcast Studios and Data Center

EDUCATION:

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

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

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

LICENSES AND AWARDS: Professional Engineer, Mechanical – Virginia 01/2015 – Present **Professional Engineer, Mechanical – Washington** 09/2018 – Present **LEED AP BD+C** 03/2012 – Present **University of Central Florida CECS Valedictorian** 2009 **PAE Teamwork Award** 2018.

SKILLS: Revit | AutoCAD | JavaScript | jQuery | HTML/CSS

ORGANIZATIONS: ASHRAE 03/2012 – Present **ACE Mentors Seattle** 10/2017– 06/2019