Patrick R Mengler

Portland, OR 97214

ABOUT ME

I am healthy and active adult that enjoys the being in the mountains, by the ocean and spending time with friends and family. Hard work has been instilled in me from an early age. I seek to put that hard work towards a position that I can be passionate about.

Currently enrolled in a Certificate program for Full-Stack Web Development. Graduated Undergrad in May 2018 from Montana State University in Bozeman, Montana with a degree in Civil Engineering. Ideally seeking to pivot careers from Civil Engineering to a role in Software and Technology but remain open to opportunities in Civil Engineering. Willing to relocate as needed.

Bachelor's GPA – Overall: 3.14, Major 3.11

KEY SKILLS

General
- Detail oriented with great organization and decision making skills
- Quick learner
- Great at following directions
- Highly experienced with Microsoft Word, Powerpoint and Excel

Web Development
- HTML and CSS
- JavaScript
- NodeJS
- MySQL and NoSQL
- Mongoose and MongoDB
- React

Engineering
- Registered EIT
- Highly experienced with AutoCAD and Civil 3D
- Experienced with Field Surveying
- Experienced with HydroCAD and HEC-RAS modeling

EDUCATION

- Actively enrolled in a certificate program for Full-Stack Web Development provided by edX and hosted by the University of Oregon in Eugene, OR. Concludes April 17th, 2023
- Bachelor of Science Degree from Montana State University in Bozeman, MT — Graduated in May 2018
- Highschool Diploma from Minnetonka Public Highschool in Minnetonka, MN — Graduated in June of 2012

RELEVANT WORK EXPERIENCE	**Civil EIT at TM Rippey Consulting Engineers, Portland, OR** **May 2021 – May 2022 (1 years 1 month)**

Civil EIT at TM Rippey Consulting Engineers, Portland, OR
May 2021 – May 2022 (1 years 1 month)
- Civil 3D engineering designer
- Proficient with Civil 3D, HydroCAD, WHM12, HEC-RAS, Excel and technical writing.
- Worked with Architects, developers and the City of Portland to design and construct residential, commercial and industrial projects all over Oregon and Washington.
- Joined this company alongside my previous manager and principal engineer at WDY Inc.

Civil EIT at WDY Inc, Portland, OR
January 2019 – May 2021 (2 years 5 months)
- Civil 3D engineering designer
- Proficient with Civil 3D, HydroCAD, WHM12, HEC-RAS, Excel and technical writing.
- Worked with Architects, developers and the City of Portland to design and construct residential, commercial and industrial projects all over Oregon and Washington.

Maintenance Engineer, Element Hotel, Bozeman, MT
November 2017 – July 2018 (8 months)
- Perform preventative maintenance in all rooms and lobby.
- Maintain multiple systems throughout the hotel (HVAC, water heater, pool, etc..).
- Repair any damaged appliances, components and systems throughout the hotel. Work in a collaborative, team-based environment.

Intern, Floating Island International, Shepherd, MT
Summer 2017 (summer internship
- Held role as the sole intern at a farm-based research facility focused on natural water treatment.
- Manufactured several FII products.
- Performed a case study focused around natural treatment of water in agricultural irrigation ditches using an FII product.
- Collected and compiled raw data from existing and on-going case studies for presentation.
- Took part in two large-scale product launches at Wastewater Treatment Facilities in Joliet, MT and Billings, MT.

REFERENCES

Chris DesLauriers, Principal Civil Engineer at TM Rippey Consultants — 503-320-5720

Gary Shapiro, Chief Engineer, Element Hotel — 248-880-9282

Brian Davis, Farm Manager, FII — 406-696-9862

Richard Reynolds, Father of a Friend — 612-669-7424