

Ryan Carpus

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Github: github.com/RCarpus

627 Honeysuckle Lane

Milan, MI 48160

Detail-oriented geotechnical staff engineer with extensive experience in laboratory testing and four years of engineering experience. Seeking to change careers from civil engineering to web development.

Work History

G2 Consulting Group - (January 2018 to October 2021)

Staff Engineer

- Maintained quality system by keeping up-to-date laboratory inventory, calibration and maintenance records, employee training records, and accreditation status through AASHTO Re:source.
- Performed a variety of laboratory tests on concrete and soil samples to determine relevant engineering parameters.
- Provided on-site inspection and field testing on a variety of construction projects for quality control of concrete, asphalt, and soils.
- Wrote engineering reports providing analyses and recommendations for design and construction considerations.
- Prepared proposals for construction quality control and geotechnical investigation projects.

Education

University of Michigan

Bachelor of Science in Engineering in Civil and Environmental Engineering

GPA: 3.7/4.0

Ann Arbor, MI

December 2016

University of Michigan

Master of Science in Engineering in Civil and Environmental Engineering

GPA: 3.6/4.0

Ann Arbor, MI

December 2017

Certificates

Introduction to Data Science in Python by University of Michigan on Coursera. Certificate earned at Monday, August 19, 2019 8:47 PM GMT

Applied Plotting, Charting & Data Representation in Python by University of Michigan on Coursera. Certificate earned at Monday, September 2, 2019 1:51 AM GMT

Applied Machine Learning in Python by University of Michigan on Coursera. Certificate earned at Tuesday, September 17, 2019 6:45 PM GMT

Skills

- Time-Management
- Detail-Oriented
- Coordination with clients and subcontractors
- Communication of project expectations with clients

Programming Languages

- Python
- Javascript (HTML/CSS)
- SQL