

**EDUCATION**



**Bachelor of Science, Environmental Engineering** May 2018

*University of Minnesota,* Minneapolis, Minnesota

* + Degree in Environmental Engineering in the College of Science and Engineering

*University of Wisconsin,* La Crosse, Wisconsin

* + Selected for Golden Key International Honour Society: Fall 2014 (restricted to top 15% of class)
  + Selected for Eta Phi Alpha Honor Society: Fall 2014 (restricted to GPA 3.5+ for 45+ credit students)
  + Dean’s List: Fall 2013, Spring 2014, Fall 2014, Spring 2015
  + GPA = 3.60

Relevant Technical Course Load: Optics, Statics, Thermodynamics, Modern Physics, Experimental Physics, Deformable Body Mechanics, Environmental Engineering, Fluid Mechanics, Organic Chemistry, Soil Mechanics, Water/Wastewater Treatment, Hydrologic Design, Assessment/Diagnosis of Impaired Waters, Project Management and Engineering Economics, Environmental Remediation Technologies, Pollutant Fate and Transport, Hydraulic Structures, CADD for Civil Engineers

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## WORK EXPERIENCE

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**Regional Sales Manager - Northern California** April 2021 – present

*Bio Clean Environmental Services,* Sacramento, CA

* Identify prospective customers by attending regional stormwater quality meetings and analyzing civil project plans
* Contact existing and new customers to discuss project needs and drive specification of Bio Clean products
* Presentations to effectively communicate design solutions to engineers, contractors and project managers
* Track project details and revenue generation for potential and active projects using QuickBase CRM
* Develop sales strategy for territory in collaboration with Director of Sales

**Stormwater Engineer** June 2018 – April 2021

*Bio Clean Environmental Services,* Maple Grove, MN

* Understand functionality and applicability of all Bio Clean products
* Review civil project plans and specifications, ensure Bio Clean products meet requirements
* Create and update conceptual drawings, compile and approve submittal packages for construction
* Succinctly provide customer coordinators and regional sales managers feedback on design parameters

**Pavement Design Research Student Worker** Summer 2017

*MnDOT Office of Materials and Road Research,* Maplewood*,* MN

* Assist professional, working and graduate engineers in pavement design research
* Assess performance of SFDR/HMA pavements by use of Disk-shaped Compact Tension (DCT) tests
* Prepare/cut asphalt specimens, run DCT tests, analyze data with Microsoft Office
* Recognized as author with three MN DOT engineers on published TRB report on SFDR case study
* Aid in the construction and method development for Ground Penetrating Radar (GPR) vehicle
* Field work to assess pavement compaction during construction of Minnesota State Highways

**Server** Summer 2016

*Dublin Square Irish Pub & Eatery,* La Crosse, WI

* Provide superior service while maintaining a formal code of conduct that reflects company’s high standing
* Promoted to position of Server within one week of start date

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## AWARDS AND ACTIVITIES



**Officer** – *Golden Key International Honour Society,* University of Wisconsin- La Crosse Spring 2015- Spring 2016

* Elected by peers as officer exemplifying the three pillars of Golden Key: academics, leadership and service

**Senior Presentation –** University of Minnesota, Feasibility Study of Electronic Descaler to remove calcium carbonate deposition in groundwater piping system for Minnesota Library Access Center (MLAC)

**Member** -- Minnesota Environmental Engineers, Scientists and Enthusiasts (MEESE)

**Minnesota Ambassador** -- Hugh O’Brian Youth Leadership

* One of four statewide to represent Minnesota at International Leadership Seminar in Chicago, Illinois

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## REFERENCES



**Michael Sheehan, P.E.**

Water Quality Sales Specialist

StormTrap

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