

# THOMAS FUNK, EIT

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## EDUCATION

### **University of Connecticut, Storrs Campus**

*Bachelor of Science in Engineering, May 2017*

Major: Environmental Engineering

GPA: 3.45/4.00

## SKILLS

*Computer:* Basic AutoCAD, Basic Microstation, Basic ArcGIS, Basic Matlab, Proficient Microsoft Excel, Proficient Microsoft Word, Proficient Microsoft PowerPoint

*Certifications:* Open Water Scuba Certification, OSHA 40-hour, Wilderness First Aid, OSHA 30-hour Construction

## PROJECTS

- *Turshen Mill Brownfield Remediation Senior Design Project*
  - A yearlong project where my group members and I work with a sponsor company, CME, on a design project
  - Our focus is on identifying contaminants at the Turshen Mill historic brownfield site, set up a remediation plan for the contaminants present, and construct a trail on the sight.
- *Lab Assistant Research Project*
  - Created and completed a lab experiment based on a project given to me by the lab professor
  - The focus was on mayflies and how it reacted to copper when exposed through its food source, periphyton.
  - I collected Mayflies from a local ecosystem, and exposed half to periphyton spiked with isotopes of copper, then allowed half to deplete. This allowed me to see the movement of copper through these mayflies

## WORK EXPERIENCE

### **Engineer in Training, Aulson Company LLC 49 Danton Drive, Methuen, MA**

January 2018 – Present

- Analyze Data for estimators in order to help price a prospective project, along with project managers to determine requirements for the project.
- Prioritize the multiple tasks given to me by project managers and estimators in order for every project to get done efficiently, and on time.
- Communicate effectively with the project managers, estimators, and clients in order for projects to move smoothly, without mistakes.

### **Undergraduate Lab Assistant, University of Connecticut, Storrs, CT**

October 2016 – May 2017

- Aided in lab tests that the graduate students needed help with associated to their research
- Planned, and executed a lab experiment that looks at mayflies, and its copper uptake in the environment using a stable isotope tracer and a ICP-MS

### **Student Recreation Facility (SRF), University of Connecticut, Storrs, CT**

- *SRF Facility Manager, September 2015 – May 2017*
  - Supervised 3-5 operations employees working at the gym, and coordinating the jobs of these employees in order to keep the gym clean, and safe for the patrons.
  - Surveyed the actions of the patrons to ensure all rules were being followed in order to keep the facility an organized, and welcoming environment, so the patrons can have an enjoyable workout.
- *SRF Hiring Committee Member, September 2014 – September 2015*
  - Coordinated the hiring process of new operations employees for the student recreation facility.
  - Evaluated submitted applications to select the best candidates for the job.
  - Analyzed the application technique, and implemented new methods to improve the hiring process.
- *Student Recreation Operations, September 2013 – May 2015*
  - Maintained a clean and safe student recreation facility for the use by students and facility on a daily basis.
  - Created a safe environment for the patrons using the gym by monitoring patron activities, and machine quality

### **Gymnastics at Brentwood Commons, Brentwood, NH**

- *Camp Counselor, June 2013 – August 2016, Seasonal*
  - Managed the activities of 15 to 20 children throughout their day at camp.
  - Prepared different activities for the campers, which promoted teamwork, and friendship amongst the campers
  - Collaborated with 10-15 colleagues to run the 7-8 activities that occur throughout the day.

## OTHER EXPERIENCES

- **Thru-Hike of the Appalachian Trail**
  - Completed hiking 2190 miles through the Appalachian trail in 4 months and 13 days from Georgia to Maine
- **Volunteer Youth Wrestling Coach**
- **AAEES Young Professionals Program Member**
- **LSPA Job Seeker Member**