

# Riley H. Grant

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## Education

### Northeastern University, Boston, MA

May 2020

*Bachelor of Science in Civil Engineering, Minors in Computer Science and Math*

GPA: 3.770

**Relevant Coursework:** Algorithms and Data, Object Oriented Design, Fundamentals of Computer Science 2, Fundamentals of Computer Science 1, Number Theory 1, Probability and Statistics, Multivariable Calculus, Differential Equations and Linear Algebra

**Achievements:** Graduated Magna Cum Laude, Dean's List, Civil Engineering Honors Society

**Extracurriculars:** American Society of Civil Engineers Student Chapter, Wind Ensemble, Jazz Band

### Belmont High School, Belmont, MA

June 2015

*High School Diploma*

**Achievements:** High Honors, Honors

**Extracurriculars:** National Honor Society, Wind Ensemble, Drum Major of Marching Band, Cross Country, Track

## Experience

### L.A. Fuess Partners, Boston, MA

*Cooperative Education Student*

July - December 2019

- Created and edited professional Revit models, working alongside client and lead architect
- Worked on 3 projects at a time, balancing deadlines and workload
- Reviewed dozens of shop fabrication drawings, ensuring consistency between parties
- Wrote and proofread reports to be sent to clients

### Faithful + Gould, Singapore

*Cooperative Education Student*

July - October 2018

- Created several hundred AutoCAD drawings for facilities throughout the F1 Grand Prix track
- Met demanding 4-month timeline, working weekends and after hours as needed
- Engaged with a culturally diverse engineering team, navigating differences in mindset and work ethic

### Environmental Partners Group, Woburn, MA

*Cooperative Education Student*

July - December 2017

- Designed bypass plans and water control solutions for batch reactor and wick wells
- Created, revised, and organized record drawings for client projects valued at US\$2,000,000+
- Generated detailed base maps in AutoCAD Civil 3D using field notes and septic records

### North Woods Overnight Camp for Boys, Tuftonboro, NH

*Head Counselor*

Summers 2014 - 2016

- Ensured safety, well-being, and hygiene of 100 campers
- Taught social, physical, and organizational skills to campers aged 7 to 13

## Skills

Java, Python, HTML/CSS, AutoCAD, Revit, Microsoft Office Suite

## Interests

Backpacking, scouting (Eagle), climbing, biking, outings, band and orchestra