

# BLUE STEELE

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## Education

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**University of New Hampshire – Durham, NH**  
Bachelor of Science in Environmental Engineering

**May 2019**  
GPA: 3.64

- Dean's List: All Semesters

## Related Coursework

- Environmental Pollution and Protection
- Fundamentals of CAD
- Top/Intro to Geographic Info Systems (GIS)
- Solid and Hazardous Waste Design
- Fundamental Aspects of Environmental Engineering
- Professional and Technical Writing

## Related Projects

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**Senior Design Project – Durham NH**

**September 2018 – May 2019**

Project Manager

- Conducted a bathymetric survey in order to perform a quantitative analysis of Gilman Pond, the water supply for the town of Newport, New Hampshire
- Developed and priced out alternative water intake methods and locations that would help alleviate the town's water quantity issue
- Compiled findings into an engineering design report
- Presented at the Undergrad Research Conference and received 1st place within our category

## Related Experience

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**Wright-Pierce – Portsmouth, NH**

**May 2018 – August 2018**

**Environmental Engineering Intern**

- Collaborated with a team of 6 civil and environmental engineers regarding different aspects of water and wastewater infrastructure
- Managed and collected data for asset management plans for different cities and towns in New Hampshire
- Compiled information for the Strategy Research Foundation (SRF) grant requests for municipalities seeking upgrades to their drinking water infrastructure
- Reviewed technical documents including reports, specifications, and plan sets for superiors
- Gained an understanding in the importance of asset management plans

**University of New Hampshire Stormwater Center – Duham, NH**

**May 2017 – January 2018**

Stormwater Intern

- Completed field work consisting of salt march restoration, surveying using a Topcon Totally Station, porous asphalt infiltration testing using Bean and ASTM Methods, and Stormwater Center site maintenance
- Performed United States Geological Survey (USGS) Stream flow data analysis and assessment of salt march deterioration by animal and human interaction
- Delineated watersheds using USGS Streamstats
- Deployed HOBO data loggers, downloaded data (dissolved oxygen, temperature, and salinity), and graphed findings to evaluate trends

## Campus Involvement

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**Society of Women Engineers – Durham, NH**

**December 2017 - May 2019**

Vice President

- Organized and promoted the Society of Women Engineers through planning weekly meetings and arranging guest speakers and networking events
- Drafted letters to, and met with, chairs of the UNH Engineering Departments and potential donors to discuss organization updates
- Encouraged the involvement of young women in STEM through planning and attending various outreach volunteer events at local middle and high schools twice a week, reaching hundreds of students