

CHASE ERNSTE

chaseernste@gmail.com

507-491-4556

Duluth, MN

KEY QUALIFICATIONS

Chase is an upper-division Civil Engineering Student with experience in surveying, construction staking, design application, and data collection. Chase has developed an understanding of Concrete & Steel Design, Infrastructure Materials, and CAD Software. Chase is seeking an internship or EIT position to engage problem-solving skills in a collaborative setting.

EDUCATION

University of Minnesota – Duluth

Bachelor of Science Degree in Civil Engineering, May 2021

RELEVANT EXPERIENCE

Engineering Internship, City of Faribault Engineering Department, (Summers of 2018, 2019, & 2020)

- Collaborated with contractors and clients about the projects timeline and necessary steps moving forward
- Resolved issues with elevation differences in roadway
- Aided the Civil Engineer in setting up roadway data collection
- Compiled roadway removal and replacement quantities
- Located construction structures on site
- Supervised paving construction crews, interfered when necessary
- Coached trainees into intern position

ADDITIONAL EXPERIENCE

Startup Company, Duluth Sled Fest Plan

- Brainstormed ideas to start a unique company home to Duluth, MN
- Reevaluated company based off target audience's wants
- Discussed the timeline, location, revenue streams, etc. for company
- Developed unique features to set the company apart from the competition
- Presented ideas in front of multiple audiences (Mechanical Engineering Firm President, Lake Superior College - Superior President, Entrepreneurs)

Member, UMD Honor Society, Duluth, MN 3/2018-Current

- Completed 45+ hours of volunteer work per year at an organization
- Engaged in a variety of advanced courses ranging from philosophy to entrepreneurship
- Attended events encouraging new perspective

TECHNICAL KNOWLEDGE

Software: CAD Solid Works, AutoCAD, Microsoft Office, GIS, Visual Basic, MatLab

Certification

E.I.T. certification upon completion of degree