

EARLIE CHUTZ

Graduate Structural Engineer

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PROFILE

As a Graduate Structural Engineer with over 4 years experience, I have gained an in-depth understanding of structural analysis and design principles. My core strengths lie in my ability to identify potential problems early on and offer effective solutions that are both technically sound and pragmatic. In addition, I have excellent project management skills which I utilised to successfully complete various complex projects within budget and schedule constraints. Utilising my analytical skillset, creativity and problem solving abilities, I am confident in my ability to provide value add engineering services across all stages of the project lifecycle.

LINKS

[linkedin.com/in/earliechutz](https://www.linkedin.com/in/earliechutz)

SKILLS

AutoCAD



Revit



STAAD.Pro



SAP2000



ETABS



SAFE



Microstran



EMPLOYMENT HISTORY

● Structural Engineer at Golder Associates, NH

May 2022 - Present

- Completed 30+ projects within budget and on schedule.
- Authored scientific papers that were published in reputable journals.
- Led a team of engineers to develop new methods for analyzing structural data.
- Delivered presentations at national conferences on behalf of the company.
- Won an engineering award for innovative work on a complex structure.

● Structural Engineer at Ammann & Whitney, NH

Aug 2018 - Apr 2022

- Led the development of a successful \$2M bridge rehabilitation project spanning 150 feet and weighing 1,000 tons.
- Conducted 50+ load tests on various types of bridges and buildings to ensure their safety and integrity.
- Chaired the Structural Engineering department's weekly safety meeting for 3 years straight.
- Pioneered the use of Fibre Reinforced Polymer (FRP) composites in construction projects in North America.
- Presented findings at international conferences in London (UK), Barcelona (Spain), Dubai (UAE), and Tokyo (Japan).

EDUCATION

Master of Science in Civil Engineering at Penn State University

Aug 2013 - May 2018

I've learned how to design and analyze various structures and systems, as well as how to manage construction projects.

CERTIFICATES

Certified Structural Engineer (CSE)

Dec 2020

Certified Bridge Engineer (CBE)

Mar 2019

MEMBERSHIPS

American Society of Civil Engineers (ASCE)

Structural Engineers Association of California (SEAOC)