

704 North Grove Street  
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Alec James Lorenz

**Education:**

**University of Minnesota, Twin Cities**

Minneapolis, MN

Dual Degree: Bachelor of Civil Engineering—Civil Engineering, Structural Emphasis

Sept. 2020 – **May 2022**

University of Wisconsin, River Falls

River Falls, WI

Dual Degree: Bachelor of Science—Applied Physics

Sept. 2017 – **May 2022**

**Employment Experience:**

**Civil Engineering Intern**

May 2021 – Present

Element Materials Technology, St Paul, MN

- ❖ Coordinate with engineers and contractors about **project specific outcomes and deliverables.**
- ❖ Perform **project site visits and inspections** with respect to the intended timescale.
- ❖ Conduct laboratory testing of **construction materials** and interpretation of their results.
- ❖ Writing of **technical documents as well as formal reports** to be delivered to the client.

Kitchen Cook

Oct. 2018 – Nov. 2021

Madison Avenue Wine and Spirits, Hudson, WI

- ❖ Preserve the kitchen workspace as an efficient and hygienic area.
- ❖ Prepare customer orders while upholding strict sanitation and safety regulations.

Pesticide Applicator & Lawncare Technician

Apr. 2019– Sept. 2020

Naturalawn of America, Brooklyn Park, MN

- ❖ Independently manage time and resources to ensure efficient daily operation.
- ❖ Communicate with clients with questions or concerns for their lawn's general wellbeing.
- ❖ Maintain the health of customer lawns through use of natural products and remediation techniques.

Teaching Assistant

May 2016 – Sept. 2018

Rainbow Discovery Daycare, Belle Plaine, MN

- ❖ Supervise children while reinforcing daycare policies and teaching moral boundaries.
- ❖ Communicate with parents about a child's behavior and social performance.
- ❖ Plan activities and coordinate schedules for preschool students and adolescents alike.

**Technology:**

- ❖ SAP2000, MATLAB, Excel, AutoCAD, Revit, Microsoft Office, C Language

**Other Experience:**

**Nanny**

Sept. – Dec. 2018

- ❖ Responsible for morning routine and transportation to school.
- ❖ Facilitate children's schedules with parents and schools.

**Volunteer Experience:**

San Vicente De Paul Orphanage

- ❖ Independently organized and volunteered for the orphanage in assisting the care team to meet specific needs of each child in the infants and toddlers age group.

July – Aug. 2018

Quito, Ecuador

Science Olympiads

Jan. 2018 – Present

- ❖ Manage and effectively operate individual activities and their outcomes.

River Falls, WI

Special Olympics Volunteer

Oct. 2013 – Present

- ❖ Volunteer and assist in fundraising activities and events.

Belle Plaine, MN

**Organizations:**

University of Minnesota Steel Bridge

Nov. 2021 – Present

American Society of Civil Engineers

Sept. 2020 – Present

American Society of Physics Students

Sept. 2018 – Present