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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	
<ul style="list-style-type: none">❖ 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	
<ul style="list-style-type: none">❖ Preserve the kitchen workspace as an efficient and hygienic area.❖ Prepare customer orders while upholding strict sanitation and safety regulations.	

Pesticide Applicator & Lawn care Technician	Apr. 2019– Sept. 2020
Naturalawn of America, Brooklyn Park, MN	
<ul style="list-style-type: none">❖ 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	
<ul style="list-style-type: none">❖ 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
<ul style="list-style-type: none">❖ Responsible for morning routine and transportation to school.❖ Facilitate children's schedules with parents and schools.	

Volunteer Experience:

San Vincente De Paul Orphanage	July – Aug. 2018
<ul style="list-style-type: none">❖ 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.	
Science Olympiads	Jan. 2018 – Present
<ul style="list-style-type: none">❖ Manage and effectively operate individual activities and their outcomes.	
Special Olympics Volunteer	Oct. 2013 – Present
<ul style="list-style-type: none">❖ Volunteer and assist in fundraising activities and events.	

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