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## EDUCATION

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<b>University of Notre Dame</b> Bachelor of Science in Civil Engineering (Structures) Minor: Engineering Corporate Practice	Notre Dame, IN May 2021 Engineering GPA: 3.5/4.0
<b>University of Notre Dame, College of Engineering Study Abroad</b> Sustainability and Urban Infrastructure Probability and Statistical Methods	Summer 2018 Alcoy, Spain
<b>University of Auckland</b> Introduction to Asset Management and Life-Cycle Resiliency	Summer 2019 Auckland, New Zealand

## COURSEWORK

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Structural Engineering, Reinforced Concrete Design, Structural Steel Design, Prestressed Concrete Design, Modeling and Dynamics of Building Systems, Principles of Practice, Accounting, Engineering Business Concepts

## RESEARCH & EXPERIENCE

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<b>Auckland High-Rise Assessment</b> <i>Undergraduate Research Lead, First Author</i>	Summer 2020 – Present Notre Dame, IN
<ul style="list-style-type: none"><li>Worked directly with members of the Auckland Council and researchers at the University of Notre Dame.</li><li>Performed seismic assessment on over 30 reinforced concrete high-rises in Auckland, New Zealand.</li><li>Built typological profiles including column ductility, building stiffness and plasticity, shear area ratio, height, and age.</li><li>Wrote a research paper to be submitted to the Bulletin of the NZSEE in early 2021.</li></ul>	

<b>PCI Big Beam Competition, First Place</b> <i>Mix Design Lead</i>	Fall 2019 – Summer 2020 Notre Dame, IN
<ul style="list-style-type: none"><li>Led the design of a post-tensioned reinforced concrete beam to fail as close as possible to target loading.</li><li>Developed high early strength concrete mixes according to beam requirements.</li></ul>	

<b>The Whiting Turner Contracting Company</b> <i>Project Engineering Intern</i>	Summer 2019 Downers Grove, IL
<ul style="list-style-type: none"><li>Assembled bid packages and secured subcontractors for multi-million-dollar projects in the greater Chicago area.</li><li>Performed cost estimating during bidding process using civil and architectural drawings.</li><li>Communicated directly with subcontractors and engineers to obtain estimates and site reports.</li></ul>	

## SERVICE

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<b>Construction Service Trip to Cuba</b> <i>Volunteer</i>	Spring 2018 Santiago, Cuba
<ul style="list-style-type: none"><li>Gained hands-on construction experience pouring concrete foundation for a local church.</li><li>Communicated beyond language barriers, living and working in community with local Cubans.</li></ul>	

<b>Habitat for Humanity</b> <i>Student Volunteer</i>	Spring 2019 – Present Notre Dame, IN
<ul style="list-style-type: none"><li>Collaborated with team of volunteers in the construction and repair of local homes.</li></ul>	

## LEADERSHIP

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<b>Notre Dame Men's Boxing Club, Semifinalist</b> <i>Dorm Lead</i>	Fall 2018 - Present Notre Dame, IN
<ul style="list-style-type: none"><li>Coordinated fundraising and recruiting efforts for Notre Dame Men's Boxing Club within campus residence hall.</li><li>Trained two hours each day for five months in preparation for the nation's largest amateur boxing tournament.</li></ul>	

<b>Freshman Orientation Weekend</b> <i>Dorm Lead</i>	Fall 2019 Notre Dame, IN
<ul style="list-style-type: none"><li>Mentored first-year students and organized events to welcome freshmen adjusting to college life.</li></ul>	

## SKILLS

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AutoCAD Civil 3D, SAP2000, BlueBeam Revu, Structural Analysis, Cost Estimating, On-Screen Takeoff, LaTeX, Javascript, MATLAB, Microsoft Office