

EDUCATION

University of Michigan | Ann Arbor, Michigan
Master of Science, Quantitative Finance and Risk Management

Expected Graduation: December 2022

Gonzaga University | Spokane, WA
Bachelor of Science, Mechanical Engineering
Minor in Applied Mathematics
Minor in Physics

GPA: 3.93/4.00

President's List: Fall 2017 – 2021

2 Time Undergraduate Mathematics Competition Nominee

Member of Engineering Honor Society, Tau Beta Pi

Spring 2020 Class Rank: 4/227

Relevant Coursework

Linear Algebra

Engineering Mathematics

Calculus I – III

Partial Differential Equations

Modeling and Optimization

Statistics

Ordinary Differential Equation

Advanced Mechanics

Fluid Mechanics

EXPERIENCE

Undergraduate Combustion Researcher

Gonzaga University School of Engineering & Applied Science | Spokane, WA

Spring 19 to Fall 20

- Studying chemical species in micro combustion reactions to optimize combustion processes for Engines
- Interfacing a Dynamometer and RPM sensor with a computer and display monitor
- McDonald Research Work Award Grant

Undergraduate Psychology/Philosophy Researcher

Gonzaga University School of Arts and Sciences | Spokane, WA

Fall 2019

- Studying and exploring: human reasoning models, relationships between a child's executive function and reasoning ability, tolerance for uncertainty

Project Management and Consulting Intern

Code LLC | Manhattan, NY

Summer 2019

- Conducted Asbestos tests and wrote reports for apartment renovations in Manhattan and Brooklyn
- Learned New York City Code and assisted in on-site building inspections for DOB approval

Farm Employee

Doerfler Farms | Aumsville, OR / KelleyGreen Nursery | Drain, OR

Summers of 2013-18

- Heavy Equipment Operator
- Responsible for trucking coordination and communication with farm headquarters
- Design, fabrication and repair of agricultural equipment

SERVICE AND INVOLVEMENT

Weekend Mathematics Tutor

Fall 2018 - Spring 2019

- Tutored middle school student from around the Spokane, WA area in Saturday math program
- Reviewed old material, taught new concepts, and prepared students for exams

Campus Kitchens

Fall 2018

- Weekly care and food harvest in the Gonzaga Campus Kitchen's garden to feed homeless in Spokane

TECHNICAL SKILLS AND PROGRAMMING

Proficient in MATLAB

Data Visualization

Proficient in Python

Proficient Excel Operator