

Education

BSE Industrial and Operations Engineering - - - - - University of Michigan – Ann Arbor

- Expected Graduation: May 2023
- 3.96 Cumulative GPA
- Professional Development Officer for Tau Beta Pi Engineering Honor Society
- Member of the Michigan Finance & Mathematics Society (MFAMS)
- Member of the Institute for Operations Research and Management Sciences
- Publicity Chair for the 2022 Fall Engineering Career Fair
 - In charge of all media and marketing efforts

MSE Industrial and Operations Engineering - - - - - University of Michigan – Ann Arbor

- Sequential Master's Program
- Data Analytics Specialization
- Expected Graduation: May 2024

Experience

Instructional Aide for ROB 101 (August 2022 – Present)

Robotics Department – University of Michigan

- Teaching Assistant for Robotics 101 – Computational Linear Algebra
- Leading a Novice Programming Study Group for students struggling to grasp basic programming concepts

GF&BM Summer Analyst (June 2022 – August 2022)

JP Morgan Chase and Co.

- Led automation effort for Basel Measurement and Analytics Team to streamline processes for capital numerator/reporting
- Leveraged Python to implement automation program and subsequently completed testing and error checking with edge cases and data from previous quarter
- Reduced process runtime by over 10% and presented progress on automation program to management

Instructional Aide for ROB 204 (September 2021 – April 2022)

Robotics Department – University of Michigan

- Led Lab Development for Robotics 204 - Intro to Human-Robot Systems in Fall 2021
- Conducted lab section with eight students for pilot semester of course (Winter 2022)

Undergraduate Research Assistant (May 2021 – March 2022)

Department of Industrial and Operations Engineering – University of Michigan

- Implemented research study at the University of Michigan investigating presence of Human-Robot Interaction for exterior inspection of spacecraft using a small satellite
- **Co-Authored conference paper** on pilot study for IEEE Aerospace and attended conference (March 2022)

Academic Honors & Accomplishments

- **2020 United States Presidential Scholar (May 2020)**
 - One of 161 high school seniors nationwide named as a US Presidential Scholar by the US Department of Education
- William J Branstorm Freshman Prize (March 2021)
- James B Angell Scholar (March 2022)
- University of Michigan Dean's List (Dec. 2020, Apr. 2021, Dec. 2021, & Apr. 2022)

Technical Skills

- *Advanced:* MATLAB; R
- *Proficient:* Python; C++; Alteryx; Tableau; Julia; SQL
- **IBMx Developer – Machine Learning with Python Certificate**