NOLAN FEENY

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EDUCATION

UNIVERSITY OF MICHIGAN   Ann Arbor, MI
College of Engineering
M.S.E. in Industrial & Operations Engineering, December 2020
• Admitted to the Tauber Institute of Global Operations
• Awards: Tauber Institute Fellowship
• Relevant coursework: Business in Society, Topics in Global Operations

UNIVERSITY OF MICHIGAN   Ann Arbor, MI
College of Engineering
B.S.E. in Industrial & Operations Engineering, May 2020
• Cumulative GPA: 3.81/4.00
• International Minor for Engineers
• Admitted to Engineering Global Leadership Honors Program (EGL)
• Awards: University Honors and Dean's List (Fall 2016 - Present), Regents Merit Scholarship
• Relevant coursework: Data Processing, Advanced Optimization Methods, Statistical Models

EXPERIENCE
2019-Present

GUIKEMA RESEARCH GROUP   Ann Arbor, MI
Research Assistant
• Utilized real infrastructure data (100+ towers, 400+ antennas) to simulate hazards causing cell-service outages in Ann Arbor via Python
• Performed risk analysis on live data (50,000+ rows per day) as critical tool to identify and predict trends to combat human trafficking

2019

THE DOW CHEMICAL COMPANY   Midland, MI
Supply Chain Intern
• Quantified value of potential new truck center to recommend decision on its purchase
• Identified over $14 million of actionable cost savings while filtering plant shutdown database and developed a strategy for mitigation
• Visualized emissions data with a team of 6 to show more sustainable trucking carrier options

2018-Present

MECC CONSULTING GROUP UNIVERSITY OF MICHIGAN   Ann Arbor, MI
External Vice President (2019), Consultant (2018)
• Facilitated partnerships with Big 3 consulting, tech, and operations companies through events such as office visits in Chicago
• Provided networking opportunities, casing, resume reviews, and behavioral preparation to train ~20 newer members for recruiting
• Advised project to optimize Delta Air Lines' staffing model, using customer throughput data and Excel modeling to reduce overtime by ~30%
• Analyzed 600,000+ rows of data from the Detroit Lions ticket office to predict trends using Excel and Matlab, then presented deliverables to the Lions business team

2017-2018

MICHIGAN STATE UNIVERSITY   East Lansing, MI
Summer Research Intern, 2018
• Created website for CyberAmbassadors, project funded by NSF, training technical experts with necessary soft skills to stimulate effective collaboration across fields
• Hosted workshop for 13 graduate students and 3 faculty on how to create static websites to achieve personal, academic, and professional goals using Pelican and Github Pages

Summer Research Intern, 2017
• Built a "robust, elegant, and simple" image annotation and location tracking tool in 8 weeks currently implemented in both research and coursework
• Presented results through departmental deliverables and a poster conference at Mid-Michigan Symposium for Undergraduate Research (380 students, 405 faculty)

ADDITIONAL
• Languages: English (native), German (conversant)
• Computer: Matlab, Python, Microsoft Azure, Git, JavaScript, HTML, Jupyter Notebooks
• Eagle Scout BSA Troop 64 in Okemos, MI
• 1st chair cellist of Campus Symphony Orchestra at U of M and concert pianist
• Passionate about sustainability, social impact, education, sports, and music production