NOLAN FEENY

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EDUCATION

UNIVERSITY OF MICHIGAN   Ann Arbor, MI
College of Engineering
B.S.E. in Industrial & Operations Engineering, April 2020
- Cumulative GPA: 3.80/4.00
- International Minor for Engineers
- Admitted to the Engineering Global Leadership Honors Program (EGL)
- Awards: University Honors, Dean's List (Fall 2016 - present), Regents Merit Scholarship
- Relevant coursework: Operations Modeling/Simulation, Data Processing, Intro to Markov Processes

TECHNICAL UNIVERSITY OF BERLIN   Berlin, Germany
Renewable Energy Simulation Study Abroad Program, August 2018
- Simulated multiple models implementing wind and solar energy systems into Traverse City, MI, using Excel data files and Matlab
- Analyzed results of the models to elect various optimal scenarios assuming multiple economic goals and their relative importance

EXPERIENCE
2018-Present

MECC CONSULTING GROUP UNIVERSITY OF MICHIGAN   Ann Arbor, MI
Consultant
- Organized big data (600,000+ rows) from the Detroit Lions ticket office based on multiple independent variables and classifications, using pivot tables and functions in Excel
- Predicted trends in data by importing Excel sheets to Matlab, using polyfit functions to create and analyze graphs
- Implemented the first interactive ticket pricing visualization tool in the NFL via Tableau
- Delivered final tools and recommendations to the Lions business team at Ford Field

2018

MICHIGAN STATE UNIVERSITY   East Lansing, MI
Summer CS Intern
- Created a website for CyberAmbassadors, a project funded by NSF that trains technical experts with necessary "soft skills" to stimulate effective collaboration across fields
- Hosted a 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
- Modeled an artificial neural network with machine learning via Python and TensorFlow to solve a physics problem involving photon velocities and positions

2017-2018

UNIVERSITY HOUSING   Ann Arbor, MI
Community Center Assistant
- Emphasized a commitment to diversity and inclusion by creatively marketing DEI and fostering community in campus housing
- Demonstrated professional skills through patience, confidentiality, and positive customer service

2017

MICHIGAN STATE UNIVERSITY   East Lansing, MI
Summer CS Intern
- Developed a "robust, versatile, and simple" image annotation and location tracking tool in 8 weeks that my professor currently uses with both research and teaching in various subjects
- Integrated strengths of Python, JavaScript, and HTML on Jupyter Notebooks to optimize the significance and accessibility of my product
- Presented results through departmental deliverables and a poster conference at the Mid-Michigan Symposium for Undergraduate Research (380 students, 405 faculty)

ADDITIONAL

- Languages: English (native), German (conversant)
- Computer: Matlab, C++, Python, Jupyter Notebooks, JavaScript, HTML, Git
- Eagle Scout BSA Troop 64 in Okemos, MI
- 1st chair cellist and section leader in the Campus Symphony Orchestra at U of M
- Concert pianist, placed within the top 5 in various state-wide competitions
- Music producer, hockey player, sustainability and environmental enthusiast