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EDUCATION

UNIVERSITY OF MICHIGAN   **September 2016 - May 2020**

Bachelor of Science in Engineering

- Major: Data Science (GPA: 3.92)
- Minor: Business
- Honors / Awards: Eight terms Dean's Honor List (GPA > 3.5), EECS Scholar (Senior standing with GPA > 3.9), Summa Cum Laude
- Relevant Coursework: Data Structures and Algorithms, Web Development, Computer Security, and Machine Learning

EMPLOYMENT

The Scotts Miracle-Gro Company   **Summers 2018, 2019**

Business Analyst / ServiceNow Developer Intern

- Elicited requirements from stakeholders across the company to build out new features in ServiceNow, a platform that focuses on IT Service Management, using JavaScript
- Triaged tasks with team members to identify the most impactful features to implement on the platform for our bi-weekly release sprints.
- Established new processes for IT Service Management in collaboration with various departments and conducted User Acceptance Testing to ensure the implementations met all requirements.
- Developed new integrations that automated tasks as well as enabled the business to keep better track of data relating to company assets using ETL Processes and REST APIs.

TECHNICAL PROJECTS

Political Informant

- Developed Conversational AI application with five other developers to provide U.S Citizens with information about the 2020 Election.
- Participated in three development sprints / sprint reviews to ensure project was completed on time.
- Contributed to the implementation of both the front-end and back-end of the application.
- **Utilized**: Python, Flask, JavaScript, Flask, SQL, Clinc AI Platform, AWS EC2

My Learning Analytics

- Researched the implementation of a feature request for My Learning Analytics, a learning analytics open-source platform that is maintained by the University of Michigan.
- Communicated effectively with maintainers of the project to elicit requirements and perform quality assurance to verify that the necessary research into new features was being performed.
- **Utilized:** React, Jest Testing Framework, Django, and MySQL.

Consumer Scraper

- Developed Web Application that allows users to share products scraped from the Web.
- Designed web scraping processes based on asynchronous requests and object oriented design.
- **Utilized:** React, Flask, BeautifulSoup, JavaScript, Python, and MySQL

New York City Taxi Fare Prediction

- Led a team in developing machine learning models to predict taxi fare using data from the NYC Taxi and Limousine Commission.
- Engineered features based on the results of our exploratory analysis to improve model accuracy.
- Developed various machine learning models including linear regression (base-line) and random forest to compare the advantages / disadvantages of these models and get more accurate predictions.
- **Utilized:** Python Data Science Libraries (numpy, pandas, matplotlib and scikit-learn)

SKILLS

- **Languages:** Python, C++, JavaScript, bash, HTML / CSS, SQL (MySQL and PostgreSQL)
- **Tools / Software:** git (GitHub), AWS (EC2 and RDS), Apache Airflow, Docker, Linux