Yiqi Ye

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EDUCATION

University of Michigan (UM), School of Information, Ann Arbor, Michigan   *04/2021*
Master of Science in Information, Concentration on Data Science/Analytics, Major GPA: 4.0/4.0

Cornerstone University, Professional and Graduate Studies, Grand Rapids, Michigan   *06/2019*
Master of Business Administration, with Finance Disciplines, GPA: 3.7/4.0

Michigan State University (MSU), Eli Broad College of Business, East Lansing, Michigan   *12/2016*
Bachelor of Arts in Supply Chain Management, Minor in Entrepreneurship and Innovation, GPA: 3.5/4.0

PROFESSIONAL CERTIFICATES

IBM Data Science Certificate, *Coursera, 2020*   **Certified Supply Chain Professional,** *APICS, 2018*

PROJECTS

Criminal Detection   *02/2020*
- Identified suspect by querying information in police force database using MySQL

Capstone Project – Battle of Neighborhoods, IBM Data Science Certificate   *02/2020*
- Retrieved and wrangled urban data from CSV files and API by utilizing Python, Pandas, and NumPy.
- Built a K-means clustering machine learning model using scikit-learn.
- Visualized a consolidated map of geospatial data using Python Folium, seaborn and matplotlib libraries.
- Built a Chicago City database and performed queries with MySQL in IBM cloud services and Jupyter Notebook.

Design of Complex Website, *Winning Project*   *12/2019*
- Initialized a data visualization project with retrieving and manipulated datasets using SQL and Tableau.
- Created multiple data visualizations to show the severe public health issue to the class by utilizing Tableau, Python Altair library, and JavaScript D3 library and integrated the results in an HTML webpage.

BP Supply Chain Case Competition, *1st place*   *11/2015*
- Identified, analyzed, and presented the purchasing strategy by collecting and analyzing data on prospective suppliers.

WORK EXPERIENCE

Steelcase Inc., Grand Rapids, Michigan, United States   *03/2017 – 05/2019*
Materials Management Analyst
- Led the materials handling automation project with integrating robots (collecting, analyzing and testing robotic movement data using Excel) in the manufacturing sites, saving up to $100,000 for the company.
- Hosted weekly project meetings and designed training programs for stakeholders. Acted as a primary liaison for engineering groups, operators, financial analysts, and vendors through all stages in the product development cycle.
- Designed material replenish flow by leveraging part informatics data, marketing analytical data, operation simulation software and enterprise resource planning (ERP) to support strategy and planning for new products and plants.

Dine at Home Delivery LLC., East Lansing, Michigan, United States   *09/2016 – 02/2017*
Operation Assistant
- Identified business bottlenecks by conducting user research, time study, and simulation analysis.
- Established platform upgrading plans to improve users' experiences by analyzing customers' preferences.

EXTRACURRICULAR ACTIVITIES

- **Student Organization for Data and Analytics (UM),** *Auxiliary Member*   *11/2019 – Present*
- **Broad China Business Society (MSU),** *Vice President of Marketing*   *01/2015 – 12/2016*

SKILLS

Data Science: Python (Pandas, NumPy, matplotlib, Seaborn, scikit-learn), SQL, Tableau, Statistics, A/B testing, Excels
Website Development: JavaScript, jQuery, HTML5, CSS,
Business: Supply Chain Management, Project Management, Finance, SAP(ERP)