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JESSICA ZHANG

BIG DATA | ANALYTICS | DESIGN

PROFILE

I am a student pursuing a dual degree in Statistics and Information. I have a passion for problem solving and using my versatile skillset to transform data into actionable insights in a wide variety of industries.

EDUCATION

University of Michigan
Sep 2017 - Apr 2021

- Bachelors of Science in Statistics
- Bachelors of Science in Information Science
  - Data Analysis
  - UX Design
- **GPA: 3.9**

SKILLS

Programming

- Python
- SQL
- R
- HTML, CSS
- JavaScript
- jQuery
- C++
- Django

Tools

- Tableau
- Adobe XD
- Photoshop
- Figma
- G Suite
- Microsoft Suite

Languages

- English
- Chinese

LEADERSHIP

- Event Coordinator
  - TCCA (Volunteer)
- Choreographer
  - rXn (Dance)
- Student Mentor
  - CSG (Student Government)
- Executive Board
  - CSA (Cultural)

EXPERIENCE

Business Intelligence Analyst Intern
Bank of the West BNP Paribas | June 2020 - Aug 2020

- Built statistical models on call center data and designed informational visualizations to identify key predictors based on caller engagement, demographics, digital activity and money movement.
- Wrote extensive SQL queries to clean and mine data to support design research for customers using non-digital banking services.

Data Insights Intern
Mercedes-Benz Financial Services USA LLC | May 2019 - Aug 2019

- Spearheaded development of in-house data catalog application to accelerate business decisions and boost company productivity while maintaining data integrity
- Automated company's monthly inspections on data reports and cubes
- Conducted impact analysis to develop recommendations for consolidating and optimizing data, powering more streamlined reports and dashboards within company's Cognos Data Manager

Data Scientist Assistant
UM Consulting for Statistics, Computing and Analytics Research | Oct 2019 - April 2020

- Designed and taught monthly workshops in varying programming languages like Python, SQL, Javascript D3, etc.
- Developed exercises for the workshop attendees to guide them through the code step by step.

PROJECTS

S.M.A.R.T (Save Money and Resources Tool)
Mercedes-Benz Data Catalog Project | May 2019 - Aug 2019

- Programmed using the micro web framework Flask in Python.
- Powered by a search engine capable of taking in free form text or specific elements in company data and returning clickable search results of relevant information the user can use to make insights and find trends more effectively.

Computing for Data Literacy
University of Michigan Research Project | Sep 2020 - Present

- Conducted research to aid the creation of new kinds of programming environments that help expose K-12 students to data literacy (http://historyindata.org/dv4l/).