Mr. Dongtan Li

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EDUCATION

Auburn University   08/2023-present
  Major: Business - Information System Concentration
  Degree: Doctor of Philosophy
  Honor: Presidential Graduate Research Fellowship

Adelphi University   01/2021-05/2022
  Major: Business Analytics
  Degree: Master of Science
  GPA: 3.97/4.0(Distinction line with 3.9/4.0)

The Ohio State University   08/2014-05/2019
  Major: Economics
  Minor: Business
  Degree: Bachelor of Arts

PROFESSIONAL SKILLS

➢ **Technical**: Proficient in Microsoft Excel, Word, PowerPoint Outlook, Adobe software (PR, PS, AE)
        : Professional skills in machine learning and data analytics with Python, R, SQL, Tableau, etc.
➢ **Language**: Proficient in English, Native in Chinese (Mandarin)

RESEARCH INTERESTS

➢ Healthcare analytics, business analytics, Big Data analytics, text mining, machine learning, deep learning, artificial intelligence, E-commerce, social media, and natural language processing.

AREAS OF EXPERTISE

➢ Text mining, sentiment analysis, credit risk analysis, E-commerce, database management, and data visualization.

PROFESSIONAL EXPERIENCES

Graduate Research & Teaching Assistant, **Auburn University**   08/2023-present
➢ Help professors collect the data and preprocess data;
➢ Grade assignments and proctor the exam.

Graduate Assistant, **Adelphi University**   01/2022-05/2022
➢ Completed text mining and analytics for Diversity, Equity, and Inclusion (DEI) statements of the top 50 universities and the top 50 US companies;
➢ Mainly utilized Python to analyze and compare the data and used excel to collect the statements;
➢ Presented the text mining and analytics research for DEI statements in Academia and Industry at the 19th Scholarship and Creative Works Conference.

PUBLISHED PAPERS

Dongtan L. (2023) Evaluating Various Machine Learning Techniques in Credit Risk Area. BCP Business & Management 2023. pp. 2836-2844

Dr. Zahra Sedighi-Maman, Dongtan Li & Dr. Jonathan Heath, the second author, Text Mining and Analytics for Diversity, Equity, and Inclusion Statements in Academia and Industry, (Paper ID: DSI-417).

- ➢ Accepted by the 53rd Annual Conference of the Decision Sciences Institute (DSI 2022) in Houston, Texas (USA) on 16th Jul. 2022.
- ➢ Will be published by Decision Sciences Journal after the Conference.

ACADEMIC&RESEARCH PROJECTS

Python-Based Business Analysis Research and Practice   07/2022-10/2022
- ➢ Finished three complete notebooks related to Ecommerce, Credit applications, and Telecommunications areas;
- ➢ Practiced advanced-level Machine Learning Techniques included regressions, unsupervised/supervised learning, regularization, optimization, principal component analysis, etc;
- ➢ Presented a speech about Ecommerce notebook and conducted an individual report about credit risk studies.

Credit Risk Assessment   01/2022-05/2022
- ➢ Analyzed data from assessing customers of a German banking institution;
- ➢ Used R studio and Tableau to find the best models which could make the best predictions on risk determination.

Innovation Center Design Thinking   09/2021-12/2021
- ➢ Assisted the university's Innovation Center in developing an AI system for connecting students and faculty to external partners to solve real-life problems;
- ➢ Used programming language to generate functions and analyze the student messages;
- ➢ Created an AI system called Q&AU Bot that could automatically receive and answer students' questions.

Corona Company Project   01/2021-05/2021
- ➢ Used machine learning technology to build the three models for Corona's sales data in 2020;
- ➢ Helped Corona company to find out the best combination of features among 1000 features, which would most influence the total sales.