

Linli Ding

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EDUCATION

The University of Texas at Austin

Master of Science in Information Studies, GPA: 3.9/4.0

Austin, TX

May 2018

The Bernard M. Baruch College of the City University of New York

Bachelor of Arts in Actuarial Science, Minor: Economics, GPA: 3.8/4.0

New York, NY

Dec. 2014

SKILLS

- **Proficient:** Python, SQL, Tableau, Excel, VBA, SPSS
- **Competent:** HTML, CSS, VB.NET, PHP, JavaScript, Swift, R Studio
- **Certificates:** Society of Actuaries (SOA) Exam P, FM, MFE, C

EXPERIENCE

The University of Texas at Austin

Data Analyst Intern

Austin, TX

Sep. 2016 – Present

- Created statistical models to predict the likelihood of a student's enrollment using SPSS and Python; Decreased the training time over 70% by refining data; Best trained model improved average model accuracy by 5%
- Improved Search Engine Optimization (SEO) for Data Portals, increased web traffic by 18%, analyzed structured data, inserted schemas and meta tags, created Django URL endpoints and views to show citations
- Analyzed qualitative and quantitative data from patron, library systems, and survey results to assess the efficiency of library services. Provided data driven insight for resource planning; Created dashboards using Tableau

Pension Live

Analyst/Developer Intern

Dallas, TX

May 2017 — Dec. 2017

- Developed and maintained pension administration web applications for organizations benefit plans by implementing data extraction, calculation, and reporting procedures using VB.NET and Microsoft SQL Server
- Preprocessed pension data and created online workflow for retirement reporting and account value validation

Coaching Actuaries

Actuarial Analyst

Des Moines, IA

Mar. 2015 — Aug. 2016

- Consulted at Global Atlantic Financial Group, decreased turnaround of agent service requests from hours to minutes by automating process to gather index fund data, link data from Outlook and Access, calculate requested values, and generate corresponding reports for life insurance services using Excel Macro
- Created tools, videos, and problem-solving techniques to help students pass actuarial exams; Analyzed survey results after exam sittings, results show that 90% of the Adapt users who earned level 7 or above pass their exams

PROJECTS

Computer Vision and Natural Language Classification

Spring 2018

- Applied Neural Networks to predict whether a visual question is answerable for a given image
- Analyzed over 20K images; Extracted image-based and question-based features using Microsoft Azure API, NLTK, and scikit-learn; Validation accuracy reaches 72%; Won the first place in the class based on the test accuracy

Texas McCombs MBA Brand Analysis

Fall 2017

- Analyzed prospective student discussions from online forums to identify McCombs' peer schools, school standing relative to other programs, strengths, and weaknesses
- Conducted Word Frequency Analysis, Lift Analysis, and Sentiment Analysis using Python

Crowdsourcing and Human Computation Research

Spring 2017

- Investigated response and movement behavioral features to predict how gullible a person is to political statements
- Implemented Question-Answering tasks in Amazon Mechanical Turk to collect user information and behavior features; Analyzed the acquired data using Random Forest Classifier; The Average Precision (AP) score reached 84%