

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

EXPERIENCE

The University of Texas at Austin

Austin, TX

Data Analyst Intern

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 3%
- Analyzed web traffic records from Google Analytic; Created Data Studio reports; Identified strategies to improve the web portal; Improved Search Engine Optimization (SEO); Enhanced user experience; Increased web traffic by 18%
- Analyzed qualitative and quantitative data from patron, library systems, and survey results to improve the efficiency of library services; Created dashboards using Tableau

Pension Live

Dallas, TX

Analyst/Developer Intern

May 2017 — Dec. 2017

- Developed and maintained pension administration web applications using VB.NET and MS SQL Server
- Analyzed large volumes of client's data; Designed account value calculation process for pension plans
- Created client side dashboards; Implemented pension projection, statement generation, and reporting procedures

Coaching Actuaries

Des Moines, IA

Actuarial Analyst

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 VBA
- Created tools, videos, and problem-solving techniques to help students pass actuarial exams; Provided forum support; Survey results show that 90% of the product subscribers who earned level 7 or above pass their exams

PROJECTS

Visual Question Answerability 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 of 20 based on the test accuracy

Database Management

Fall 2017

- Created a PHP website that interacts with database using SQL statements to present information of Olympic Games
- Designed a Entity Relationship Diagram (ERD) that models the entities and their relationships to each other

Metadata Extraction for Medical Record Images

Fall 2016

- Implemented a system that extracts, refines, and stores technical metadata using Python and MongoDB
- Designed a metadata schema for TIFF files, and stored refined metadata in JSON format

SKILLS

- **Data Analysis:** Python, MS SQL Server, Tableau, Excel, VBA
- **Web Technologies:** HTML, CSS, VB.NET, PHP, Swift, JavaScript, MongoDB, Git, Microsoft Azure, Google Cloud Platform
- **Actuarial Certificates:** P, FM, MFE, C