Linli Ding

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EDUCATION

The University of Texas at Austin   Austin, TX
Master of Science in Information Studies, GPA: 3.9/4.0   May 2018

The Bernard M. Baruch College of the City University of New York   New York, NY
Bachelor of Arts in Actuarial Science, Minor: Economics, GPA: 3.8/4.0   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 5%
- Analyzed web traffic records from Google Analytic; Created Data Studio reports; Identified strategies to improve the web portal; Improved Search Engine Optimization (SEO); Enhanced website's usability; 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 dashbords; Implemented pension prejection, 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 batabase using SQL statements to present information of Olympic Games
- Designed a Entity Relationship Diagram 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

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