Linli Ding

Austin, TX | (917) 741-1056 | linli.ding@utexas.edu | www.linli.me

---

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

WORK EXPERIENCE

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 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

INTERNSHIP 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%
- 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   Dallas, TX
Analyst/Developer Intern   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 MS SQL Server
- Preprocessed pension data and created online workflow for retirement reporting and account value validation

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 of 20 based on the test accuracy

Database Management   Fall 2017
- Designed Entity Relationship Diagram that provides relationship between entities to improve coding efficiency
- Created a PHP Website that interacts with MariaDB using SQL statements to provide information of Olympic Games

Metadata Extraction for Medical Record Images   Fall 2016
- Designed a metadata schema for TIFF files containing scanned medical record information
- Automated the data extraction, selection, and storage process using Python and MongoDB

SKILLS

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