

# Linli Ding

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Actively looking for a full-time position as a software engineer. Interested in helping companies lower cost, improve profitability, and optimize technical operations. Work knowledge in Python, C#, SQL, PowerBI, HTML, CSS. Exposure to R, and JavaScript. Fluent in Chinese.

## WORK EXPERIENCE

**Dell** Austin, TX  
*Software Engineer* Jun. 2018 – Present

- Design and implement end-to-end automation solutions for business units within Global Operation; Delivered over 10 projects and automated more than 95% manual work compared to original process
- Created a centralized platform to store, manage, and present tariff data, using C#, ASP.NET MVC, and SQL
- Provide operational support for software and systems; Work in Agile environment

**The University of Texas at Austin** Austin, TX  
*Data Analyst Intern* Sep. 2016 – May 2018

- Applied statistical models to predict the likelihood of incoming students' enrollment; Improved accuracy by 5%
- Analyzed web traffic records from Google Analytic to identify effectiveness of marketing strategies; Improved Search Engine Optimization (SEO) by inserting structured data using Django
- Analyzed patron data for all UT Austin libraries to improve the efficiency of library services; Created ad hoc reports and built dashboard for library traffic using Tableau

**Pension Live** Dallas, TX  
*Analyst/Developer Intern* May 2017 — Dec. 2017

- Created a website that allows account value projection, statement generation using VB.NET and SQL Server
- Automated account value calculation process for types of pension plans by analyzing client's financial data

**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 of gathering index fund data, linking data from Outlook and Access, calculating requested values, and generating ad hoc reports for life insurance services using Excel VBA
- Created Keynote videos and problem-solving techniques to help students pass actuarial exams

## PROJECTS

**Database Management** Fall 2017

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

**Metadata Extraction for Scanned Documents** Fall 2016

- Implemented a system that extracts, refines, and stores technical metadata using Python and MongoDB

## 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