

# LINLI DING

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## QUALIFICATION SUMMARY

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### Senior Software Engineer | Machine Learning & Supply Chain Analytics Expert

- Results-driven Engineer with 7+ years of experience in production-grade analytics, end-to-end machine learning lifecycle support, and process automation within Global Operations.
- Led supply chain transformation initiatives with a focus on innovation, automation, and process standardization. Guided a team of 5 to automate over 95% of manual processes, significantly improving operational efficiency.
- Delivered 10+ automation projects with measurable business impact across Planning, Procurement, and Logistics.
- Proficient in Python, SQL, Power BI, and exposure to AI Agents.

## PROFESSIONAL EXPERIENCE

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### Sr. Software Engineer

**Jun 2018 – Present**

Dell Technologies

Austin, TX

- Spearheaded end-to-end development and support of machine learning pipelines within Large Order Planning, ensuring high system reliability through proactive production monitoring and resolution.
- Maintained and enhanced 3 machine learning models for large order planning; improved model stability and performance while providing ongoing production support.
- Increased ML model coverage by 20% through strategic data imputation; improved predictive accuracy and stakeholder confidence by incorporating critical business features.
- Automated weekly executive reports and deployed interactive dashboards using Python, SQL, and Power BI, delivering real-time insights to senior leadership.
- Directed the Server Planning Allocation Automation Project, automating backlog data collection and resolving critical parts shortages—accelerating release of up to \$100M in server orders.
- Developed a \$7M cost-saving solution by identifying carrier overpayments in the Global Operations Finance Logistics Project. Designed and implemented a Tariff Dashboard using C# and SQL to consolidate carrier data, enhance payment terms, and boost operational efficiency.
- Embraced Agile Scrum framework: facilitated daily stand-ups, sprint reviews, and backlog grooming sessions, contributing to a culture of continuous delivery.

### Analyst/Developer Intern

**May 2017 – Dec 2017**

Pension Live

Austin, TX

- Designed and developed a web application for account value projection and statement generation, utilizing VB.NET and SQL Server.
- Automated financial analysis of pension plans, improving the efficiency of account value calculations and enabling quicker decision-making for clients.

### Data Analyst Intern

**Sep 2016 – May 2018**

The University of Texas at Austin

Austin, TX

- Applied statistical modeling to predict student enrollment likelihood, improving forecast accuracy by 5%.
- Enhanced SEO efforts by analyzing web traffic data from Google Analytics and implementing structured data via Django.
- Built interactive dashboards using Tableau to analyze library patron data, improving service efficiency.

### Actuarial Analyst

**Mar 2015 – Aug 2016**

Coaching Actuaries

Des Moines, IA

- Consulted at Global Atlantic Financial Group, decreased turnaround of agent service requests from hours to minutes by automating the 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.
- Developed educational content, including Keynote videos, to support students in passing actuarial exams.

## EDUCATION

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### The University of Texas at Austin (UT Austin)

**2016-2018**

Master of Science in Applied Machine Learning and Deep Learning, GPA: 3.9/4.0

Austin, TX

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

**2012-2014**

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

New York, NY