Linli Ding

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Results-driven senior software engineer with 7 years of experience optimizing business processes and driving data-driven decisions in supply chain and technical operations. Demonstrated expertise in production support, feature engineering, end to end process automation, and data visualization. Proficient in Python, SQL, Power BI, and skilled in cross-functional collaboration to deliver strategic insights. Fluent in Chinese.

PROFESSIONAL EXPERIENCE

Senior Software Engineer   Jun 2018 - Present
Dell Technologies, Inc   Austin, TX

- Drove key supply chain transformation initiatives focusing on innovation, automation, and process standardization across Planning, Procurement, and Logistics. Led a team of 5 to automate over 95% of previously manual processes.
- Delivered ongoing support for machine learning models within Large Order Planning projects, ensuring system reliability by diagnosing and resolving production issues promptly.
- Boosted forecasting model accuracy by imputing missing values, refining input data, and incorporating business knowledge into feature engineering in collaboration with cross-functional teams.
- Automated data extraction and reporting using Python, SQL and Power BI, delivering weekly scheduled email reports and interactive Power BI dashboards.
- Created and maintained comprehensive business requirements and technical documentation to promote knowledge sharing and best practices. Mentored and on boarded new developers, fostering smooth team integration and accelerating productivity through effective collaboration.
- Led the Server Planning Allocation Automation Project, streamlining the release process for up to $100M in server orders to the factory by automating backlog data collection and identifying critical parts shortages to enhance production efficiency.
- Applied Agile Scrum methodology, conducting daily standups and bi-weekly sprints to ensure continuous delivery and process improvements.

Analyst/Developer Intern   May 2017 – Dec 2017
Pension Live   Dallas, 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%.
- 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 end to end 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

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

The Bernard M. Baruch College of the City University of New York   Dec 2014
Bachelor of Arts in Actuarial Science, Minor: Economics, GPA: 3.8/4.0   New York, NY