Bin Chen

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EDUCATION

Boston University, M.S. Data Science (Expected 2026) *08/2025 – Present*
California State Polytechnic University, Pomona, B.S. Computer Information Systems *08/2017 – 08/2021*

WORK EXPERIENCE

Senior Technology Consultant *09/2022 – Present*
Ernst & Young LLP, Los Angeles, CA

- Owned and drove a cross-functional, data-driven operational initiative across 200+ financial applications to support regulatory compliance and strategic decision-making, improving data reliability by 30% and accelerating readiness timelines by 10%.
- Analyzed complex and ambiguous datasets to generate actionable insights, influencing leadership prioritization and trade-off decisions across multiple parallel workstreams.
- Designed scalable monitoring frameworks using operational metrics to improve fraud risk identification and execution efficiency, reducing investigation turnaround time.
- Partnered with business, compliance, and engineering stakeholders to define success metrics, align incentives, and continuously improve operational processes.
- Automated validation and quality assurance workflows to strengthen execution rigor and prevent defect recurrence across enterprise initiatives.

Associate Business Analyst Intern *06/2022 – 08/2022*
Health Care Service Corporation, Chicago, IL

- Solved ambiguous business problems by translating high-level requirements into prioritized operational initiatives, reducing rework by 20% and enabling on-time execution.
- Facilitated cross-functional planning with product owners and engineering teams, accelerating delivery of high-impact features by 15%.
- Built KPI dashboards and operating metrics to support data-driven decision-making, enabling proactive risk identification and leadership alignment.
- Delivered executive communications synthesizing insights, risks, and recommendations, reducing recurring status meeting time by approximately 10 hours per month.
- Standardized reporting processes across departments, reducing duplicative reporting by 25% and improving leadership visibility.

Associate Analyst *09/2021 – 06/2022*
Infosys Limited, Chicago, IL

- Coordinated cross-functional finance and engineering stakeholders to execute operational initiatives end-to-end, improving delivery predictability across six concurrent workstreams.
- Owned dependency tracking and risk management across 40+ Jira stories, improving sprint acceptance rates by 18%.
- Developed reporting dashboards to surface risks, dependencies, and key operational metrics, supporting leadership prioritization and resource allocation.
- Produced executive-ready performance summaries highlighting progress, trade-offs, and risks, shortening leadership review cycles by 15%.

SKILLS

Core Competencies: Strategy & Operations, Strategic Problem Solving, Data-Driven Decision Making, Operational Execution, Stakeholder Management, Executive Communication, Process Improvement
Technical Tools: Python, SQL, Excel (Power Query), Tableau, Power BI, AWS, Azure

CERTIFICATIONS

Alteryx Designer Core • Amazon Certified Cloud Practitioner • Neo4j Certified Professional