

# JONATHAN M. RAN

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## SUMMARY

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Data analyst with 2+ years of experience in market analysis, dashboard development, and automation at a Fortune 500 financial services and insurance firm. Proficient in Python, SQL, R, and Power BI. BA in Statistics & Computer Science from Boston University.

## EDUCATION

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**BA, Statistics & Computer Science** | Boston University Sep 2021 – May 2025

College of Arts & Sciences | GPA: 3.32 / 4.0

- Coursework: Linear Models, Multivariate Calculus, Linear Algebra, Analysis of Algorithms, Applied Statistics, Computing Systems

## TECHNICAL SKILLS

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**Languages:** Python, R, SQL, Java, C++, JavaScript, XML

**Tools & Frameworks:** Power BI, Excel, HTML5/CSS3, jQuery, Bootstrap, Jupyter Notebook, JIRA, Confluence

**Skills:** Data Cleaning & Analysis, Market Analysis, Dashboard Design, Automation, Large Language Models, Regex/Text Parsing

## EXPERIENCE

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**Business Intelligence Analyst I** | Principal Financial Group May 2025 - Present

*Benefits & Protection Wholesale Distribution* | Des Moines, IA

- Build & maintain data aggregation processes and dashboards, creating interactive and compelling visual, numeric, and written summaries.
- Ensures data governance policies are followed. Train & coach business users on BI tools.
- Promote data literacy and a self-serve culture across the enterprise.aaaaaaaa
- Analyze business intelligence data to inform business and product decisions
- Blend historical data from available industry reports, public information, field reports or purchased sources as input to analyses.
- Identifying and analyzing industry/geographic trends and competitor market strategies and monitoring current/potential customer trends.
- Partners with other areas of the business (e.g., Marketing, Logistics, Customer Service, etc.) to model the outcome of implementing potential business strategies.
- Present dashboards and products to educate relevant stakeholders

**COO & Co-Founder** | Neobotics Foundation Inc. Nov 2025 - Present

*501(c)(3) nonprofit* | Des Moines, IA

- Oversee day-to-day organizational operations, ensuring alignment between strategic vision and execution across all departments
- Lead cross-functional teams including engineering, outreach, and administrative staff to deliver on the foundation's mission
- Develop and implement operational policies, workflows, and performance metrics to drive organizational efficiency
- Manage budget planning, financial oversight, and resource allocation in coordination with the executive team
- Spearhead partnership development with educational institutions, industry sponsors, and community organizations
- Coordinate program delivery for robotics education and STEM initiatives through Neoracer and educational nonprofits, tracking outcomes and impact metrics
- Drive recruitment, onboarding, and retention strategies for staff, volunteers, and student participants

- Represent the foundation externally at events, conferences, and stakeholder meetings
- Support grant writing, fundraising efforts, and donor relations alongside the executive director
- Ensure compliance with nonprofit governance standards, legal requirements, and reporting obligations

**CFO & Co-Founder** | Neobotics Foundation Inc.

*Jan 2025 - Nov 2025*

*501(c)(3) nonprofit | Boston, MA*

- Direct all financial operations including budgeting, forecasting, accounting, and financial reporting for the organization
- Develop and manage annual operating budgets, ensuring fiscal responsibility and alignment with the foundation's strategic goals
- Oversee grant financial management, including tracking fund utilization, preparing financial reports for funders, and ensuring compliance with grant restrictions
- Implement and maintain internal financial controls, policies, and procedures to safeguard organizational assets
- Monitor cash flow, investment strategies, and reserve fund management to sustain long-term organizational health
- Partner with the executive team on financial modeling, scenario planning, and data-driven decision-making
- Prepare and present financial statements, dashboards, and reports to the Board of Directors and key stakeholders
- Ensure compliance with IRS Form 990 filings, tax regulations, and all applicable nonprofit legal requirements
- Support fundraising and development efforts by providing financial projections, cost analyses, and donor reporting
- Manage relationships with banks, auditors, legal counsel, and financial service providers
- Oversee payroll, accounts payable/receivable, and vendor contract management

**Data Analyst Intern** | Principal Financial Group

*May 2024 – May 2025*

*Benefits & Protection Data Analytics | Des Moines, IA*

- Built automated pipeline to calculate combination-application rates between Life and Disability product lines across a 9-month window, reducing manual reporting time
- Cleaned and analyzed Bureau of Labor Statistics Form 5500 datasets to identify high-potential employer targets for the sales organization
- Conducted market-sizing analysis for the United States, broken up into 5 regions, using Python and U.S. Census data, quantifying addressable market ceilings by product parameter
- Performed penetration-rate analysis for the Nonqualified segment across selected states to support resource-reallocation decisions

**Data Analyst / Consultant Intern** | Principal Financial Group

*May 2023 – Aug 2023*

*Enterprise Data & Analytics | Des Moines, IA*

- Co-developed a Power BI dashboard consolidating customer-satisfaction survey results across multiple data sources, applying NLP via a large language model for sentiment analysis
- Designed a reusable Power BI template with pre-defined metrics and layout, enabling analysts to stand up new dashboards in hours instead of days
- Scoped requirements for future data-consolidation and text-analytics projects; documented findings in JIRA and Confluence for stakeholder review

**Data Analyst Intern** | Wharton Research Data Services (WRDS)

*Jul 2022 – Aug 2022*

*University of Pennsylvania | Philadelphia, PA*

- Parsed subsidiary-company text and HTML files using regex in Python (Jupyter Notebook) to structure unstructured financial data
- Delivered optimized, quality-checked code ahead of schedule; performance led to a return-offer for summer 2023