

# JEB FARNETH

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## PROJECTS

### Organizational Knowledge Decay Modeling

March 2026

Independent Research | [jebfarneth.com/enron](http://jebfarneth.com/enron)

- Developed an analytical framework quantifying knowledge concentration risk across 517,000 Enron emails and 200 employees, combining NLP topic extraction (BERTopic), communication graph analysis (NetworkX), and positional impact scoring into employee-level risk classifications and scenario models for workforce continuity planning.
  - Engineered departure cascade simulation modeling non-linear compounding knowledge loss from simultaneous exits, AI substitution exposure scoring across 13 knowledge domains with 2024-2032 capability projection, and executive-style per-employee dossiers with recovery timelines and successor readiness analysis.
  - Validated model predictions retrospectively against the Powers Report, DOJ indictments, FERC findings, and the Supreme Court opinion in *Skilling v. United States*, achieving 72% concordance across 18 testable predictions.
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## EXPERIENCE

### Financial Sales Consultant

Feb 2025 – Aug 2025

Citizens Debt Relief | New York, NY

- Led consultative financial assessments for clients navigating significant debt obligations, diagnosing financial situations and recommending structured repayment solutions aligned with compliance requirements.
- Coordinated cross-functional workflows between underwriting, legal, and client onboarding teams to move qualified clients through enrollment accurately and efficiently.
- Exceeded performance targets across client acquisition, conversion, and revenue metrics in a quota-driven environment.

### Lease Administration Analyst

Oct 2024 – Feb 2025

Spinoso Real Estate Group | Syracuse, NY

- Reviewed and abstracted commercial lease agreements, translating legal language into structured financial and operational data for a retail-property portfolio.
- Supported delinquency recovery by tracking tenant receivables, flagging risk exposure, and coordinating with legal and collections stakeholders.
- Produced monthly variance analyses and annual budget reports in Excel, improving visibility into lease-driven financial performance.

### EOP & Economics Peer Tutor

Sep 2023 – May 2024

SUNY Cortland | Cortland, NY

- Selected by faculty for three concurrent tutoring roles: Equal Opportunity Program peer tutor, macroeconomics tutor, and corporate finance tutor.
  - Coached 30+ students on quantitative and financial concepts including bond valuation, asset pricing, and regression analysis, adapting explanations across skill levels.
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## EDUCATION

### Master of Science, Business Analytics

Expected May 2027

Fordham University, Gabelli School of Business | New York, NY

### Bachelor of Science, Business Economics

Aug 2024

SUNY Cortland | Cortland, NY

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## SKILLS

**Technical:** Python, BERTopic, NetworkX, D3.js, HTML/CSS/JavaScript, Git, Advanced Excel

**Analytics:** NLP, network analysis, scenario modeling, data visualization, variance analysis, lease abstraction

**Tools:** Salesforce, Bloomberg Terminal, Yardi Voyager