

REHAN GHIAS

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EDUCATION

University of Illinois Urbana-Champaign Dual Degree: B.S. Information Sciences and B.A. Economics	Expected 05/2028
College of DuPage — Glen Ellyn, IL Associate of Arts; C++ Proficiency Certificate GPA 3.7 Honors Student Board of Trustees Scholar Phi Theta Kappa Engineering Club	Completed 08/2026

EXPERIENCE

Equity Research Analyst (Contributor) — Seeking Alpha <i>Freelance, Remote</i> - Publish equity research analyzing earnings events, valuation, and market reaction - Evaluate fundamentals, financial statements, and forward guidance to build investment theses - Apply quantitative screens and backtested models to size high-probability setups around earnings	04/2026 – Present
Data Analyst Intern (Internal Project) — Truly Engaging <i>Carol Stream, IL</i> - Selected by the CFO and COO for a six-week analytics project on machine-level production data - Cleaned a year of inconsistent sensor logs in Excel and Power Query, mapping ~30 product groups across conflicting naming schemes - Built Power BI dashboards that established true production capacity for planning	07/2025 – 09/2025
Machine Operator — Truly Engaging <i>Carol Stream, IL</i> - Operating high-end CNC machines and Die Cutting machines to maximize productivity and efficiency - Packaging and using FedEx, USPS, and UPS software to ship products to customers	08/2023 – Present
Center Assistant (Operations Lead) — Kumon North America <i>Glen Ellyn, IL</i> - Ran daily operations and a team of 12+ tutors serving nearly 100 students - Streamlined scheduling and progress tracking; analyzed student data to adjust instruction	08/2022 – 09/2023

PROJECTS

Earnings Factor Model <i>Python, pandas, Streamlit, Plotly</i> - Scored earnings events across six factors as cross-sectional percentile ranks blended into one composite quant score - Backtested 58,710 simulated trades with point-in-time joins and anchor-relative windows to block look-ahead bias - Built a Streamlit dashboard that recomputes equity curve, drawdown and win rate live across filters and cost assumptions	github.com/Ghias54/Earnings-Factor-Model
Die-Cutter Capacity Analysis — Truly Engaging <i>Excel, Power Query, Power BI</i> - Found only 14% of available machine time was spent cutting, the constraint was changeover frequency, not machine speed - Traced a 41% scanner "No Read" rate to sticker material rather than hardware failure - Regrouped staging carts by shared plate and hook setup and rerouted job families between machines; run time rose an estimated 30%	rehanghias.com

SKILLS

Data Analysis | Excel | Power BI | Python | C++ | Git | ETL | Agentic AI | Generative AI | Management | Process Improvement

COURSES

Microsoft — ETL in Power BI (2026); Harnessing the Power of Data with Power BI (2025); Preparing Data for Analysis with Excel (2025) · Google — AI Essentials (2025); Prompting Essentials (2025)