Md Tofael Hossain

✉ hossainmdtofael1@gmail.com | in https://linkedin.com/in/tofaelttk/ | ⭘ https://tofaelttk.github.io/tofael00   ☐ +1(413) 428-5439

EDUCATION

Springfield College, MA   GPA: 3.8/4.0
B.S. in Computer Science & Finance (Honors Program)   Dean's List (All Semester)

PROFESSIONAL EXPERIENCE

CFA Research Group   **Hartford, CT**
Quantitative Financial Analyst - Equity Research   *August 2024 – August 2025*
- Built DCF, LBO, and FCF valuation models for a $10B market cap public company, identifying 23% upside in equity value for institutional investment pitchbooks.
- Engineered multi-variable regression models (400+ macro, sector, and company KPIs) achieving 87% forecast accuracy for $14.5B valuation projections, cutting manual analysis time by 30 hours/month.
- Applied 100K Monte Carlo simulations and NLP-driven SEC filings analysis to evaluate IPO, debt refinancing, and M&A deal scenarios.
- Collaborated with CFA charterholders, CFO, and MBA analysts on transaction modeling for bulge-bracket roadshows.

SigmaPointPi (sigmapointpi.com)   **Springfield, MA**
Founder & CEO   *March 2024 - Present*
- Founding a quantitative analytics startup applying AI-driven intelligent system, including market prediction models, to identify every signal in global markets.
- Developed proprietary algorithms integrating macroeconomic indicators, real-time sentiment analysis, risk management analysis and statistical arbitrage.
- Building partnerships with early-stage investors and developing an AI platform for advanced valuation and M&A research. Dealing with $300K+ funds in progress.
- Delivering investment insights with actionable projections to 50+ clients, driving double-digit simulated returns with the smartest risk management AI.

Springfield College   **Springfield, MA**
Math/Science & Business Departments Tutor   *January 2024 - Present*
- Mentored 100+ students in math, physics, finance, accounting, and economics, leading to a 64% improvement in exam performance.
- Designed applied financial modeling workshops using Bloomberg Terminal, Excel VBA, and CapitalIQ for valuation exercises.

Intelligence System Laboratory   **Khulna, Bangladesh**
Software Developer   *January 2023 – December 2024*
- Supported national robotics initiatives, leading 5 intelligent systems projects in Fuzzy Logic, Evolutionary Algorithms, and Neural Networks.
- Developed the backend for USBangla Airlines' kiosk check-in system, implementing secure APIs with Spring Boot, MySQL, and payment integration.
- Boosted check-in efficiency by 40% and recognized for enhancing APIs security, a 25% increase in competition success.

LEADERSHIP

Founder & President – Springfield Founders & Entrepreneurs Club (SFEC)
- Established campus's first entrepreneurial club secured 6 incubator partnerships and facilitated startup funding for over 10 startups on campus for the first time.

President – Springfield Speech & Debate Society (SSDS)
- Hosted debates with policy leaders and formed a think-tank team for the city community, increasing civic engagement among over 30 members and secured a $2K sponsorship.

Dean Advisory Board
- Advocated for international students, increased on-campus jobs for students, added three new courses in political science, expanded entrepreneurship funding, and contributed to a 20% increase in student-led project grants.

ADDITIONAL INFORMATION

Language Skill: Fluent in English, Bengali, Hindi, and Urdu
Technical Skill: Java, C++, Python (Pandas, NumPy, Scikit-learn, TensorFlow), R, SQL, RESTful APIs, ML & AI, AWS (EC2, S3, Lambda), Data Pipelines (ETL), Docker, MATLAB
Financial Tools: Bloomberg Terminal, CapitalIQ, PitchBook, FactSet, Excel (Advanced Modeling & VBA), Python (Financial Data Analysis), Database.
Interests: Golf (NCAA), Running, Cricket, Community Foundation Initiatives