Nasir Mirza

320-271-6071 | nmirza001@csbsju.edu | [LinkedIn](#) | [GitHub](#)

EDUCATION

College of Saint Benedict and Saint John's University Collegeville, MN
Bachelor of Arts in Computer Science and Economics *Expected Dec. 2026*
- Relevant Coursework: Data Structures & Algorithms, Database Systems, Computer Organization, Software Development, Advanced Macroeconomics, Econometrics, Object-Oriented Programming

LEADERSHIP & INVOLVEMENT

Vice President, Computer Science Club Sep. 2024 - Present
Saint John's University *Collegeville, MN*
- Led 15+ technical workshops covering algorithms, web development, and machine learning, with average attendance of 40+ students
- Organized 3 hackathons with 150+ total participants, securing $5,000 in sponsorships from tech companies

Photographer Editor, The Record Aug. 2024 - Present
CSB/SJU *Collegeville, MN*
- Manage team of 5 photographers, coordinating coverage for 30+ campus events per semester
- Implemented digital asset management system, reducing image retrieval time by 60%
- Increased social media engagement by 45% through strategic visual content planning

EXPERIENCE

Teaching Assistant & Tutor Aug. 2024 – Present
Department of Economics, CSB/SJU *Collegeville, MN*
- Lead weekly recitation sessions for 3 courses (ECON 111, 333, 384) with combined enrollment of 120+ students
- Developed comprehensive study guides and practice problems, improving average class performance by 15%
- Provided 200+ hours of one-on-one tutoring, maintaining

Admissions Ambassador May 2024 – Present
CSB/SJU *Collegeville, MN*
- Conduct 5+ weekly campus tours for groups of up to 25 prospective students and families
- Achieved 95% positive feedback rating from tour participants based on post-visit surveys
- Created digital tour guide handbook, adopted by 30+ student ambassadors

PROJECTS

Algorithmic Trading System Spring 2024
- Engineered a full-stack trading system using Python, pandas, and NumPy, processing 1M+ historical data points
- Implemented 5 technical indicators (MACD, RSI, Bollinger Bands) with 92% accuracy in signal generation
- Achieved 18% annual return in backtesting across multiple asset classes using machine learning optimization
- Integrated real-time market data using REST APIs, handling 100+ requests per minute with 99.9% uptime

Twitter Sentiment Analysis Tool Fall 2023
- Built NLP pipeline using Python, NLTK, and scikit-learn to analyze 100K+ financial tweets daily
- Achieved 94% sentiment classification accuracy using ensemble learning methods
- Developed interactive dashboard using Streamlit, reducing analysis time by 75%
- Implemented automated report generation system processing 50GB+ of historical Twitter data

TECHNICAL SKILLS

Programming Languages: Python, Java

Data Science & ML: Pandas, NumPy, Scikit-learn, NLTK, Matplotlib, Jupyter, Statistical Analysis

Developer Tools: Git, GitHub, VS Code, PyCharm, Linux/Unix, RESTful APIs, Docker (Basic)

Economics: Econometrics, Time Series Analysis, Financial Modeling, Statistical Computing (R, SAS)

Soft Skills: Technical Writing, Problem Solving, Team Leadership, Public Speaking, Project Management