Shlok Mundhra

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EDUCATION

Ohio Wesleyan University   **Delaware, OH**
Bachelor of Arts in Quantitative Finance, Computer Science and Data Analytics   *May 2025*
- *Schimmel Scholarship and Grant worth $226,844*
- *Calculus, Computer Science, and Finance tutor (TA)*

Relevant Coursework: Data Structures, Algorithm Analysis, Algorithm Design, Applied Statistics, Data Mining, Machine Learning, Artificial Intelligence Single and Multivariable calculus, Operating System (MIPS)

RELEVANT TECHNICAL SKILLS

Proficient in Java, C/C++, C#, Python, Javascript, CSS/HTML, Scheme, SQL, MEAN, MERN, LAMP Stack
Experience of Scaled Agile Framework (SAFe), DevOps, Object Oriented Programming (OOPS), Software Development Life Cycles (SDLC)
Tools leveraged include - - .NET, Ignition, Postman, Github, AWS Cloud9, JIRA, Visual Studio, React, Flask, NodeJs, Postman, PyTorch, TensorFlow

RELEVANT EXPERIENCE

Stifel Financial Corp.   **St Louis, MO, USA**
Software Development Intern   *May 2024 - Present*
- Leveraged Angular, .NET, C#, and SQL expertise to document Legacy Financial Advisor Software helping migrate monetary tools and 750,000+ clients' data to Salesforce, enhancing operational efficiency by 40%.
- Created a code-map spanning over 200 REST API and 100 Web API, and SOAP; multiple SQL connectors.
- Redesigned and cleaned SQL functions and databases on SQL Server Management System, with over 20 databases, each with over 100 tables and procedures for enhanced documentation.

Worthington Industries   **Columbus, OH, USA** *Software*
Developer Intern   *May 2023 - July 2023*
- Developed an easy to tune item tracking system leveraging Django, Ignition, Python 2.0 and Zebra RFID readers.
- Hosted over 10 REST API on AWS, enhancing control and management of readers and printers spread across 3 nations, saving 50 hours of manual labor/weekly, leveraged Postman to check connections.
- Enhanced IoT systems to track manufacturing product movement in real-time; reduced inventory discrepancies by 40% and increased operational efficiency by 25%, saving 250 man-hours monthly.

S. Trading   **Dimapur, NL, India**
Trade Analyst Intern   *January 2022- August 2022*
- Conducted historical performance analysis using financial modeling techniques, calculating alpha, Sharpe ratio, beta, annualized return, and volatility against market benchmarks for 14 companies.
- Provided expertise in portfolio management, leveraging analytical insights to identify investment opportunities.
- Tabulated Bloomberg terminal data and conducted extensive market research and presented findings to senior management on LLCs spread across the technological sector.

ADDITIONAL INFORMATION
- **Competitive Sport :** Taekwondo National Silver Medalist; represented high school in state-level Cricket tournaments.
- **Quizzes:** All India Rank (AIR) 2 in ISRO National Quiz, was on television with Prime Minister Modi on 7th Sep, 2019; AIR 7 in INTACH Heritage Quiz by Govt. of India; AIR 10 in CBSE Heritage Quiz.
- **Debates:** Captain of School Debating Team; Won 23 awards in high school; Founder and President of Model United Nations club in college.
- **Leadership** : Elected Vice President, Finance of Campus Programming Board managing over $40,000/semester.
- **Competitive Programming:**
  - #2 in Ohio Wesleyan Open Programming Contest, 2024
  - #59 in ICPC, East Central NA Contest Regional, 2023
  - Georgia Tech Hackathon, Angel Investment Offers Received
- **Side Hustle:**
  1. Real Estate Valuation Model : Used Accenture data to build software predicting insurance amount for houses across the globe. Leveraged Large Language Model and Natural Language Processing. Used MERN Stack.
  2. Stock Price Predictor : Python Algorithm using Machine Learning to predict ETF price close using past data, current news and real-time Wall Street Journal (WSJ) access. Works with 78% accuracy. Used LAMP Stack.
  3. Greystone Capital : Volunteering at GreyStone capital under Jon Younkman, CFA; creating financial models and forecasts on financial firms, each spanning 6 weeks, aiming to maximize premium income collection from sale of options contracts. Used Excel.
  4. Home-Automation : Used Arduino to replace internet with bluetooth in pre-existing IoT Automation to optimize the process saving $1200/yr on Wifi at home.
  5. Options Strategy Builder : Explored Black Scholes Equation and changed assumptions to meet real world scenarios, exploring multiple options to trade using the idea.