

# Zohaib Syed

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## EDUCATION

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**University of Minnesota** – Minneapolis, MN

**Expected Graduation Date:** May 2027

Bachelor of Science in Computer Science and Economics

**GPA:** 3.5

**Relevant Coursework:** Algorithms & Data Structures, Discrete Mathematics, Linear Algebra, Probability & Statistics, Regression & Correlated Data, Machine Architecture, Program Design

## SKILLS

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- **Skills:** Python, C, C#, Java, JavaScript, Swift, SQL, HTML/CSS, TypeScript, R, Git, GitHub, AWS, Firebase
- **Frameworks:** React.js, SwiftUI, TensorFlow, PyTorch, FastAPI, PostgreSQL, React Native, Expo
- **Libraries:** Scikit-Learn, Pandas, NumPy, Seaborn, Matplotlib
- **Certifications:** AI & Machine Learning Course (udemy.com)

## RELEVANT EXPERIENCE

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**The Walsh Group** - IT Business Systems Analyst Intern | Chicago, IL

May 2024 – Aug 2024

- Integrated a business system suite, streamlining timecard management across 6,000+ hourly employees and construction plan management for 30+ current and all future projects.
- Configured SSO with existing company credentials with a business system using Microsoft Azure, updating SOP's and streamlining payroll processes across 21 regional offices
- Built a model using Microsoft Excel and analyzing user login data, allocating billing for a business system across 21 regional offices and ensuring accurate cost distribution across company sectors.

**Tartan Supply Company** - IT Intern | Brookfield, WI

May 2023 – Aug 2023

- Contributed to revamping the company website by helping migrate from static HTML 5 to a dynamic platform using React.js, Node.js, and MySQL, improving site performance and scalability.
- Coordinated and communicated with an offshore development team in India, ensuring on-time delivery of project milestones and reducing average turn-around time by 3 days.
- Assisted in integrating payment gateways (authorize.net), enabling secure online transactions.

## PROJECT EXPERIENCE

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**Anubis** | Python, Excel

- Built a trading model that applies a Monte-Carlo Black Scholes model to pricing Up/Down contracts for crypto currencies such as Bitcoin, Ethereum, Solana, and XRP, which then sets paper trades on 5-minute price markets on Polymarket.
- Model has not turned a profit yet but is still in development.

**NFL Crystal Ball** | Python, Scikit-Learn, Pandas, NumPy, Matplotlib

- Built an ML model for game-to-game performance analysis of NFL teams using Pandas, Scikit-Learn, NumPy, and Matplotlib
- Improved prediction accuracy by 13% by comparing RF, KNN, SVC, and Gradient Boosting models.

**Love.ly** | Swift, SwiftUI, Google Firebase, Firestore

- Built an iOS application with Swift/SwiftUI, Google Firebase/Firestore, and Firebase Cloud Functions, supporting 50+ users
- Added user Authentication, in-app purchase integration, increasing profitability by 85% to date.

**Run App** | React Native, Node.js, JavaScript, TypeScript, Google Firebase, Firestore, Expo

- Developed an app using Node.js, React Native, JavaScript, TypeScript, Google Firebase, Firestore, and Expo
- Led and coordinated project workflow for development with a team of 3 developers using GitHub Projects and Issues.

## LEADERSHIP EXPERIENCE

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**Social Coding** | Community Member

Jan 2025 – Present

**Consulting & Strategy Group** | Founder

Sep 2024 – Present

**Sigma Alpha Epsilon** | Member

Jan 2024 – Present

**Economics Student Organization (ESO)** | Member

Sep 2024 – Present