

Dev Shroff

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Authorized to work in the United States without sponsorship

EDUCATION

The University of Texas at Austin, Austin, TX

May 2027

Bachelor of Science, Computer Science

Relevant Coursework: *Principles of Financial Accounting, Principles of Managerial Accounting, Game Theory, Contemporary Issues, Probability and Statistics, Linear Algebra, Data Structures and Algorithms, Software Engineering, Discrete Mathematics*

GRE: 327 (Quant: 165, Verbal: 162)

SKILLS

Programming Languages: Python, SQL, Java, R, C, C++, JavaScript, TypeScript, HTML, CSS

Frameworks and Libraries: Tensorflow, Numpy, Pandas, Matplotlib, Scikit-learn, Tailwind, React.js

Certificates: Bloomberg Market Concepts, Bloomberg Finance Fundamentals, Google Professional Certificates in Data Analytics and Project Management, Professional Scrum Master 1, Financial Modeling and Valuation Analyst in Progress

EXPERIENCE

ICELIS Global, icelisglobal.com, Doha, Qatar (remote)

January 2026 - March 2026

Data Science and Business Analytics Intern

- Designed data pipelines for ESG and market datasets, performing data cleaning and analysis to support consulting deliverables by creating 80+ visualizations in Matplotlib and Tableau to show client emission trends and recommendations.
- Conducted market and peer benchmarking analysis, translating data trends into structured insights for business planning.

LEADERSHIP

Sustainable Building Initiative | utsbi.org | Austin, Texas

August 2024 - May 2026

Business Director (January 2026 - May 2026)

- Managed treasury operations and led a 7-member team auditing budget compliance and cost reconciliations for \$210M in sustainable real estate developments, ensuring strict financial reporting and oversight.
- Implemented systematic ledger controls and rigorous risk frameworks, securing 100% variance analysis accuracy.

Research and Development Director (August 2024 - December 2025)

- Led a team of five to conduct research to develop innovative ways to enhance environmental performance, living standards, energy efficiency, and cost-effectiveness for real estate projects totaling over \$210 million in value.

PUBLICATIONS

"Denison Mines (DNN): De-Risking And The New Phoenix ISR Milestone"

January 22, 2026

Published in Seeking Alpha

- Authored research initiating a \$4.18 buy rating by analyzing CNSC licensure catalysts and U_3O_8 price changes to re-rate P/NAV multiples, utilizing Power Query to perform ETL on Sprott Physical Uranium Trust data for an automated DCF model.
- Stock achieved 19%+ valuation growth within one week of publication and reached a readership of 2,000+ views, validating the asymmetric risk/reward thesis through rigorous data-driven forecasting.

PROJECTS

Halicor Strategies | Private Asset Manager & Fiduciary Analyst

March 2025 - Present

- Manage capital allocation and treasury operations for a private family investment vehicle, executing trades under an LPOA framework with strict fiduciary oversight of around \$200,000 in assets.
- Developed automated reconciliation pipelines using Python and SQL to audit daily transaction ledgers, enforce strict portfolio risk controls, and calculate time-weighted and dollar-day-weighted returns with 100% mathematical accuracy.
- Designed Options+ (optionsplus.devshroff.com), a portfolio management system utilizing Flask, yfinance APIs, and Recharts to track real-time derivative metrics, visualize strategy calendars, and monitor cash-secured puts and covered calls.

Finatk (Financial Analysis Toolkit) | Creator & Data Engineer | finatk.devshroff.com

December 2024 - July 2025

- Engineered a full-stack Python suite using Yahoo Finance APIs to automate market data ingestion and options backtesting for 100+ symbols, simulating complex trading restrictions with 98% accuracy and cutting data gathering time by 90%.

RREF.RUN | Creator & Lead Developer | rref.run

May 2026 - July 2026

- Engineered RREF.RUN, a competitive matrix elimination speedrunning platform featuring IL, 10-Sprint, and Gauntlet modes to test global user speed and precision in solving algorithmically generated matrices using elementary row operations.
- Designed a robust server-side audit trail and strict anti-cheat mechanisms to ensure absolute competitive integrity, alongside custom generation algorithms to consistently output unique, solvable matrices for accurate global leaderboards.

INTERESTS

- Google Minesweeper Speedrunning: Ranked globally on competitive leaderboards (268th Medium, 294th Hard, 377th Easy). Focuses on algorithmic pattern recognition and zero-error chording execution under time constraints.