Syed Quadri

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SUMMARY

Computer Science major and rising senior passionate about technology, problem-solving, and quantitative finance. Aspiring Quantitative Developer focused on building meaningful software, growing a career in New York, and giving back to my family and community.

EDUCATION

University of Houston – B.S. Computer Science *Expected December 2027*

Coursework: Data Structures & Algorithms, Programming Fundamentals, Computer Organization & Architecture, Data Science I

Wharton County Junior College – A.S. Computer Science *Aug 2019 – Dec 2021*

PROJECTS

CoogPlanner – UH Grade Explorer & Schedule Builder *2026*

- Web app that helps incoming University of Houston students search courses and professors and compare A–F grade distributions and average GPA for each section.
- Built a weekly schedule builder with an interval-overlap algorithm that detects and highlights class time conflicts in real time.
- Wrote Vitest unit tests for conflict detection and GPA calculation; used AI-assisted development (Lovable) to ship quickly.

Stock Forecast App *2026*

- Built and deployed an interactive web app that presents stock price data and forecasts.
- Applied data analysis and forecasting concepts to turn historical market data into clear, visual projections.

Personal Portfolio Website *2026*

- Designed and published a portfolio site showcasing my projects, skills, and contact information for recruiters.

CPU Task Scheduler – Rate Monotonic Analysis (C++) *Summer 2024*

- Wrote a C++ program that reads multi-CPU task sets from input files and models each task's name, worst-case execution time, and period using custom structs.
- Implemented the Liu–Layland utilization-bound test to classify task sets as schedulable, not schedulable, or inconclusive.
- Computed task-set hyperperiods with GCD/LCM logic; organized parsing, computation, and output into modular functions using file I/O and string streams.

WORK EXPERIENCE

Idea Lab Kids – Instructor *Aug 2024 – Jan 2025 | Spring Branch, TX*

- Taught STEM and coding activities, turning technical concepts into hands-on lessons for young students; prepared lesson plans and managed classroom activities.

Fossil – Sales Associate *Oct 2023 – Mar 2024 | Sugar Land, TX*

- Processed transactions and assisted customers with returns, watch repairs, and engraving services.

Hollister – Sales Representative *Jun 2023 – Aug 2023 | Sugar Land, TX*

- Supported purchases, returns, exchanges, and promotions in a fast-paced retail environment.

Lowe's – Cashier *Feb 2021 – Aug 2021 | Sugar Land, TX*

- Handled cash, credit, and check payments accurately.

SKILLS

Languages: C++, Python, R, MATLAB, TypeScript
Libraries & Frameworks: STL, pandas, scikit-learn, React, Tailwind CSS
Developer Tools: Git, GitHub, VS Code, Visual Studio, RStudio, Vitest, Lovable