

Kerolous Aziz

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kerolousaziz06-lgtm.github.io/Portfolio

EDUCATION

George Mason University, Fairfax, VA

May 2029

Bachelor of Science in Finance and Accounting, Honors College Student

- GPA: 4.0
- Mason Excellence Scholarship Recipient
- Relevant Coursework: Accounting, Business Analytics, Calculus, Statistics, Microeconomics, Macroeconomics

EXPERIENCE

Rita & Brother LLC, Aldie, VA

Feb 2024 – Present

Financial Operations Manager

- Prepared detailed cost estimates for kitchen, bathroom, and whole-house renovation projects, pricing out the labor and materials each job required
- Wrote scopes of work and contract documents for each job, documenting pricing assumptions and payment terms for client approval prior to the start of the project
- Built and maintained Excel models tracking cash flow and variance between actual project costs and original estimates, following each job from signed contract through final payment
- Collected pricing from subcontractors for specialty work, coordinating with project teams to build those costs into each estimate

Spire Financial Modeling Tool, <https://spire-pi.vercel.app>

Sep 2026

Personal Technical Project

- Built and deployed a five-module finance platform in TypeScript and React covering portfolio risk, company valuation, M&A analysis, stock screening, and personal finance tracking
- Implemented DCF, LBO, and M&A accretion/dilution models from the underlying financial formulas, drawing company data from SEC EDGAR through a weekly automated pipeline
- Developed a Monte Carlo engine running thousands of simulated trials to model the full range of portfolio outcomes, weighing downside risk against expected return
- Designed a SQL-based stock screener ranking 189 companies against sector medians, verifying results against each company's 10-K filing

EXTRACURRICULARS

President of Finance, Chorus, Lightridge High School

Aug 2025 – Jun 2026

- Tracked revenue and expenses for concerts, clinics, and guest conductor events, reporting financial status to faculty and student leadership
- Organized fundraising initiatives supporting school music programs, coordinating with faculty to plan events and track proceeds

Varsity Indoor Track & Field, Lightridge High School

Nov 2022 – Mar 2023

- Dedicated 8+ hours per week to varsity training and competition as a hurdler throughout the indoor season while maintaining a full academic course load
- Raced the 55m Hurdles, 500m, and 300m, consistently placing top 3 in each heat and holding the school hurdling record for part of the season

SKILLS

Tools: Microsoft Excel | Word | PowerPoint | Bloomberg Terminal

Programming: SQL | TypeScript | JavaScript | React

Languages: Arabic (Conversational) | Spanish (Intermediate) | English

Interests: Running | Coding | Tennis | Chess