

Alfred Zhao

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EDUCATION

New York University Stern School of Business

New York, NY

B.S. in Business (Finance) | B.A. in Mathematics

Sep 2022 – May 2025

- **GPA:** 3.73/4.00 | **Coursework:** Microeconomics with Calculus, Statistics, Principles of Financial Accounting

University of North Carolina

Chapel Hill, NC

Summer Session II

Jul 2023 – Aug 2023

- **GPA:** 3.75/4.00 | **Coursework:** Linear Algebra for Applications, First Course in Differential Equations

Marvin Ridge High School

Marvin, NC

Scores and Honors

Aug 2018 – Jun 2022

- **GPA:** 3.98/4.00 (Unweighted), 4.65/5.00 (Weighted) | **SAT:** 1550/1600 | **ACT:** 35/36 | **Class Rank:** 23/472
- AP Scholar with Distinction, National Merit Finalist, Junior Marshal, Varsity Soccer, DECA, FBLA

EXPERIENCE

The Lights Cafe and Restaurant

Ballantyne, NC

Assistant Manager

May 2022 – Aug 2022

- Supervised employees and managed restaurant opening and closing, including daily preparation and cleaning
- Maintained inventory, oversaw equipment functionality, and delegated tasks to decrease total costs by 5%

Barista and Cook

Mar 2022 – May 2022

- Dialed in espresso machines, ground coffee beans, and prepared pour-overs, espresso, smoothies, and spritzes
- Made up to 20 dishes per hour using a variety of fresh seasonal ingredients sourced from local farmers
- Worked in other roles as needed, including dishwasher, server, and cashier, decreasing service downtime by 10%

Math and Physics Tutor

Waxhaw, NC

Self Employed

Feb 2020 – Aug 2023

- Wrote comprehensive curriculum for middle and high school students to supplement in-class learning
- Guided students to ensure readiness for exams and future courses, resulting in a 20% increase in average grades

Harris Teeter

Charlotte, NC

Cashier

Nov 2020 – Jul 2021

- Operated cash register and accurately processed customer transactions in a timely and efficient manner
- Stocked items, mopped floors, and carried out mobile orders, improving service rating of retail floor by corporate

PROJECTS

Google Calendar Sync

Dec 2023

- Created mockup of iOS app in Figma intended to let Google Calendar users to sync their events to Apple EventKit
- Pitched and communicated to a panel that the application solves the issue of weak notifications in Google Calendar, making it suitable for college students recruiting for networking intensive jobs such as Investment Banking

Linear Systems Solver

Jun 2023

- Created a program in Python 3 with NumPy to automate Gaussian elimination and simple matrix factorization to check over Linear Algebra problem sets, decreasing time spent doing homework by over 25%

Java Whac-a-Mole

Aug 2022

- Created a Whac-a-Mole game using the Swing GUI complete with scoring, timing, leaderboard, and multiplayer
- Designed all visual components such as the moles, hammers, and text in 8-bit style using Microsoft Paint

SKILLS AND INTERESTS

- **Languages:** English (native), Chinese (fluent), Japanese (conversational), Spanish (conversational)
- **Skills:** \LaTeX , Microsoft 365, Excel, Figma, Java, Swift, Python, NumPy, Matplotlib, HTML, CSS, Jekyll
- **Interests:** Textiles, Music (Electronic, Ambient, Classical), East Asian Cuisine, Urban Planning, Loose Leaf Tea