

# Alfred Zhao

512 Wyndham Lane, Waxhaw, NC 28173  
+1 (303) 949-2476 | alfred.zhao@stern.nyu.edu

## 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