

BRIAN ZHOU

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EDUCATION

New York University, Leonard N. Stern School of Business

New York, NY

B.S. in Business and Computer Science, Concentration in Finance

Expected May 2027

- **Cumulative GPA:** 3.96/4.00 | **Coursework:** Data Structures, Computer Systems, Financial Accounting, Information Technology
- **Organizations:** Entrepreneurial Exchange Group (Treasurer and Startup Team Lead), Business Analytics Club (Freshman Liaison)

Lebanon Trail High School

Frisco, TX

High School Diploma

Aug 2019 – May 2023

- **GPA:** 3.99/4.00 | **SAT:** 1580/1600 | **Coursework:** AP Computer Science, AP Calculus BC, AP Macroeconomics
- **Organizations:** DECA Business Club (VP of Finance), Business Professionals of America (Mentor), Chamber Orchestra

PROFESSIONAL EXPERIENCE

T-Mobile

Frisco, TX

Software Engineering Intern

May 2024 – Aug 2024

- Developed a PowerBI dashboard to track tests for T-Mobile's billing system by automating data collection with Java and SQL
- Analyzed dashboard data and provided recommendations for test coverage reallocation to leadership, improving passing rate by 6%
- Created comprehensive QA guides for testing the billing system which were adopted across the organization for employee training

Luden

New York, NY

Software Engineering Intern

Feb 2024 – Apr 2024

- Researched and implemented lean startup principles to streamline MVP development, reducing estimated time-to-market by 17%
- Developed initial prototypes of algorithm learning app using React Native, optimizing for core features to reduce development time
- Designed UI/UX prototypes in Figma, optimizing for user experience and achieving positive survey feedback from initial user tests

Saltgrass Steakhouse

The Colony, TX

Server

Apr 2023 – Aug 2023

- Earned Employee of the Month in July 2023 for record-breaking signature cocktail sales, exemplary teamwork, and excellent attitude
- Devised top-performing sales strategies and techniques, achieving 38% personal sales growth and reaching top of sales leaderboard
- Refined interpersonal skills and service standards, earning average of 4.95/5 star reviews from high-tier loyalty program members

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Entrepreneurial Exchange Group

New York, NY

Treasurer and Startup Team Lead

Feb 2024 – May 2024

- Led 10-week immersion program for NYU's premier entrepreneurship club, designing curriculum and mentoring new students
- Managed annual budget of \$5000, allocating funding for food and apparel to boost event attendance by 8% from previous years

DECA Business Club

Frisco, TX

Vice President of Finance

Aug 2019 – May 2023

- Placed 6th among 200+ teams in international consulting case competition, delivering and defending impromptu solution to judges
- Analyzed school store inventory with trend analysis, resulting in 35% reduction in surplus stock and 40% increased year-to-year sales

PROJECTS

Tournament Scoring (Crossovers for Cures)

Jun 2024 – Jul 2024

- Developed full-stack web application for charity basketball tournament, facilitating over \$40k in fundraising for epilepsy research
- Implemented algorithms for randomizing matchups and optimizing court space using Go, automating tournament administration
- Digitized display of court assignments, scores, and results using Svelte, refining tournament experience by reducing player crowding

Monte Carlo Retirement Calculator

Jan 2023 – Apr 2023

- Engineered retirement calculator with 95% confidence using Python, NumPy, and Matplotlib for visualization
- Modeled Cholesky decomposition in Excel using historical market data and statistical methods
- Implemented Agile Scrum via Jira, achieving 100% sprint completion and improved efficiency of development process

SKILLS & INTERESTS

- **Languages:** Go, Python, JavaScript, TypeScript, Java, HTML/CSS, SQL, C, x86-64 Assembly
- **Technologies:** Node.js, Svelte, React, React Native, AWS, NumPy, Matplotlib, Express.js, MongoDB, Figma, Excel
- **Interests/Activities:** Science-based bodybuilding, Fencing, Violin, Brawl Stars, Tennis, Dallas Cowboys, How I Met Your Mother