

# BRIAN ZHOU

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## EDUCATION

### New York University, Leonard N. Stern School of Business

New York, NY

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

Expected May 2027

- **Cumulative GPA:** 3.96/4.00 | **Coursework:** Data Structures, Principles of Financial Accounting, Computer Systems Organization
- **Organizations:** Entrepreneurial Exchange Group (Treasurer and Startup Team Lead), Business Analytics Club (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 (Competition Trainer)

## PROFESSIONAL EXPERIENCE

### T-Mobile

Frisco, TX

Software Engineering Intern

May 2024 – Present

- Engineered monthly releases of T-Mobile for Business's billing system by building integrations between Salesforce and Amdocs
- Created widely disseminated training documents detailing end-to-end sanity flows for T-Mobile for Business's Salesforce sandbox
- Took lead of designing a test automation dashboard using PowerBI, Java, and MySQL, drastically improving testing workflow

### Luden

New York, NY

Software Engineering Intern

Feb 2024 – May 2024

- Implemented Luden's coding education platform in React Native, improving retained knowledge by 25% in tests
- Optimized scalability by deploying backend framework on AWS Amplify and organizing accounts data schemas in GraphQL
- Designed UI/UX prototypes for home and settings pages on Figma, receiving 87% positive feedback during user interviews

### Saltgrass Steakhouse

The Colony, TX

Server

Apr 2023 – Aug 2023

- Achieved title of Employee of the Month in July 2023 for excellent leadership, teamwork, and sales metrics
- Improved personal sales by 38% and reached #1 in server rankings by developing salesmanship and communication skills
- Earned 4.8/5.0 positive reviews from Landry's Select Club members due to friendliness, first-rate service, and my great smile!

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

### Entrepreneurial Exchange Group

New York, NY

Treasurer and Startup Team Lead

Feb 2024 – May 2024

- Taught brilliant freshmen about startup and venture fundamentals, cumulating in Startup Team's most successful semester to date
- Consistently delivered on quality of meeting food by carefully allocating club funds to New York's best and most affordable eateries

### DECA Business Club

Frisco, TX

Vice President of Finance

Aug 2019 – May 2023

- Won 6<sup>th</sup> place out of 200+ teams in an international financial services case competition after advancing past district and state rounds
- Analyzed inventory trends for my school store, optimizing sales and decreasing leftover product by 35% compared to previous year

## PROJECTS

### Tournament Scoring (Crossovers for Cures)

June 2024 – July 2024

- Created a web application for a 3v3 charity basketball tournament with registration, scoring, pool, and bracket algorithms
- Reduced player crowding and reduced event times by 19% by digitizing court and game assignments with Go, MongoDB, and Svelte
- Oversaw the application during Crossovers for Cures' biggest tournament to date in 2024, raising over \$20k for epilepsy research

### Monte Carlo Retirement Calculator

Jan 2023 – Apr 2023

- Developed a retirement age calculator using Python NumPy library and visualized data using Matplotlib, achieving 95% accuracy
- Modeled historical market data using financial analysis and statistical methods on Excel to formulate a Cholesky decomposition
- Integrated Agile Scrum methodology using Jira, improving development process and successfully meeting 100% of project sprints

## 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,
- **Interests/Activities:** Brawl Stars (Globally ranked player), Fencing, Violin (Texas All-State), Dallas Cowboys, Fitness/Gym