

# Adelina Zheng

Walnut Creek, CA

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## EDUCATION

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### Brown University

Expected Graduation May 2028

B.S. Applied Mathematics / Computer Science, 4.0 GPA

*Relevant Courses:* Fundamentals of Computer Systems, Program Design with Data Structures and Algorithms, Intro to Object Oriented Programming, Discrete Structures and Probability, Ordinary Differential Equations, Linear Algebra.

## SKILLS

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**Technical Skills:** Java, Python, PHP, Excel, Tableau.

**Other:** Data analytics, business management, product design, marketing, social media.

## EXPERIENCE

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### Providence Recreation Department, *Data Analytics Intern*

June 2025 - Aug 2025

- Created 20+ interactive data visualizations with Tableau, analyzed enrollment and membership demographics; informed community services, programming, and resource allocation.
- Integrated event data from RecDesk and EventManager API; worked on creating a streamlined calendar for the website.
- Developed backend solutions in PHP and MySQL to store recreation program data in a city-wide database.

### Brown University Department of Computer Science, *Teaching Assistant*

June 2025 - Present

- Led weekly 20-student lab sessions to reinforce object-oriented programming concepts, hosted debugging and conceptual hours to help students troubleshoot assignments, answered questions on EdStem.
- Graded projects, emphasizing good style and design; ensured timely and consistent feedback.
- Used Markdown and HTML to clarify, update, and standardize homework handouts.

### StuffingStuff, *Etsy Shop Owner*

Apr 2020 - Present

- Created & managed online business selling crochet patterns, with 10,000+ sales and \$35,000+ in revenue.
- Designed products, conducted market research, analyzed statistics and trends, explored pricing.
- Utilized Excel spreadsheets to conduct data analysis and derive insights.
- Accumulated 1400+ reviews with an average rating of 4.9 stars, earned Etsy's bestseller badge for 10 different products.

### Brown University Athletics, *Athletic Tutor*

Aug 2025 - Present

- Tutored student-athletes in math courses; supported students in developing independent learning skills.
- Used active listening and questioning to guide progress; adapted sessions to diverse learning styles and objectives.
- Maintained effective communication, organization, and punctuality while managing multiple tutoring schedules.

## LEADERSHIP EXPERIENCE

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### Brown University Math Olympiad, *Organizer*

Sep 2024 - Present

- Planned inaugural competition for 250+ high schoolers to learn and challenge themselves in math and critical thinking.
- Contacted local schools and managed advertising campaigns, curated an Instagram account.

### Acalanes Math Club, *President*

Mar 2023 - June 2024

- Organized meetings, competitions, fundraisers, and fun outings; worked with school officials to secure funding.
- Initiated free SAT tutoring sessions at local library and school; compiled and explained practice problems.
- Led 2 teams to compete in Berkeley Math Tournament, AMC, AreteLabs, Purple Comet, etc.