# Qin Yue

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## EDUCATION

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| **University of Southern California, Viterbi School of Engineering** | **Los Angeles, CA** |
| *B.S. Computer Science* | Aug 2022 – May 2026 |

## WORK EXPERIENCE & RESEARCH

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| **Workup** | **Los Angeles, CA** |
| *Web-app development intern team-lead* | May 2024 – August 2024 |

- Led a team of 5 interns to deliver React-based web applications and collaborated with backend developers on API integration in an Agile/Scrum workflow.
- Implemented reusable UI components and resolved 30+ frontend bugs, enhancing responsiveness and cross-browser usability.
- Improved code quality through design documentation, peer reviews, and unit testing, increasing platform reliability and adoption.

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| **Software Engineering Team Project (CSCI 310, USC)** | **Los Angeles, CA** |
| *Team Leader* | Jan 2025 - May 2025 |

- Led Sprint 4 in a 5-member Agile/Scrum team, managing sprint planning and retrospectives to deliver a full-stack project on schedule.
- Implemented and styled frontend UI components with React and CSS; integrated backend services with Java and MySQL to support data persistence and authentication.
- Developed and maintained **unit and integration tests**, achieving > 98% coverage and improving reliability of user-facing features (favorites list, interactive word cloud).

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| **USC Afghan Pathways Program** | **Los Angeles, CA** |
| *Learning Assistant* | April 2025 – present |

- Mentored 20+ Afghan women in a remote WordPress development course, providing guidance on HTML, CSS, JavaScript, and PHP; delivered personalized feedback and resolved 50+ technical queries to improve student project completion rates.

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| **USC Information Technology Program Learning Assistant** | **Los Angeles, CA** |
| *class TAC304, 303, 301, 104* | August 2024-present |

- *Assisted 150+ students across ITP courses (ITP304, ITP303, 301, 104) by leading lab sessions, grading assignments, and providing one-on-one tutoring during office hours.*

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| **Student Symphonic Orchestra (SSO) of USC** | **Los Angeles, CA** |
| *Web Manager* | Aug 2022 – Present |

- Maintained and optimized orchestra ticketing website, improving database-driven purchase flow, mobile responsiveness, and security for 200+ members and attendees.

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| **SACIVA** | **Chicago, IL(remote)** |
| *AI Studio Fellow team-lead* | August 2024 – December 2024 |

- Led 4-member team to build a KNN-based recommendation system, integrating 5+ datasets; improved accuracy by 18%.

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| **NCSU Generative Intelligent Computing Lab** | **Los Angeles, CA** |
| *StockAgent Research Team: Data processor* | Sep 2023 – Aug 2024 |

- Developed Selenium crawlers to collect 50k+ stock data points; automated dataset creation. Processed structured data to train transformer + RL trading models, improving pipeline efficiency.

## LEADERSHIP & EXTRACURRICULAR EXPERIENCE

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| **Break Through Tech AI** | **Los Angeles, CA** |
| *Fellow* | May 2024 – present |

- Selected as 1 of 150 fellows from 3000+ applicants for the Cornell Tech Break Through Tech AI Program, completing intensive training in machine learning and data science applications

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| **USC CSSA** | **Los Angeles, CA** |
| *Core Member, Dept. of Career Development* | Jan 2023 – Present |

- Organized career development programs for 70+ students and recruited 30+ peer advisors.

## LANGUAGES & SKILLS

**Technical Skills:** Java, Python, SQL, MongoDB, Git, RESTful API, HTML, CSS, JavaScript (ES6+), React, Selenium, C++

**Languages:** English(fluent), Mandarin Chinese(fluent)