

# Grace Chi

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## EDUCATION

**App Academy** – 1000+ hour immersive full-stack web development program

Feb 2022 – July 2022

Relevant Coursework: Software Engineering, JavaScript, Python, Algorithms

**The University of Texas at Austin**

May 2021

BSA, Nutritional Sciences, Pre-Health Professions Certificate, 3.6/4.0 GPA

## RELEVANT WORK EXPERIENCE

**QA Wolf** – QA Engineer 2

Oct 2022 – Sept 2023

- Designed and executed robust E2E (end-to-end) Playwright automated test plans for web and mobile application testing to meet each client's expectations of 80% test coverage in 4 months
- Manually triaged and troubleshooted issues as well as escalate customer feedback within SLA (service level agreement) of 2 hours
- Reported detailed steps, logs, and recordings to the development team of any defects or issues (bug tracking system: JIRA) that arise during testing, and maintained test data and test environments, ensuring accurate representation of production environments
- Mentored new team members and contributed to team documentation on automated testing processes, tools, and best practices for each client

## PROJECTS

**Beautsy** – An e-commerce site where users can browse and purchase beauty products

[site](#) | [github](#)

- Javascript, React, Redux, Python, Flask, SQLAlchemy, PostgreSQL, Docker, and Render.
- Leveraged Redux and React Hooks to optimize the information management of React components, dynamically utilize the browser's local storage as a shopping cart, display embedded links to products and create orders seamlessly.
- Designed user interface (UI) and user experience (UX) to maximize intuitiveness, velocity, and balance between functionality and aesthetic design.
- Ensured user security and authentication with Flask-SQLAlchemy, Flask WTFORMS, Flask-Login, Regular Expression, and custom client-side form validations to avoid unnecessary AJAX requests which improves performance.

**Sea** – Robinhood-inspired application for users to experience a mock-up of the stock market

[site](#) | [github](#)

- Javascript, React, Redux, Python, Flask, SQLAlchemy, PostgreSQL, Docker, Heroku, Recharts, and Finnhub API.
- Integrated a financial news application programming interface (API) to fetch and display real-time general news and specific company news data on the frontend dashboard and stock details React components.
- Developed a comprehensive search feature that pulls results from PostgreSQL database allowing users to filter by keyword.
- Collaborated on a team of four engineers using Agile methodology and Git version control to execute a viable product with four features within a one week deadline.

## ADDITIONAL INFORMATION

**Technical Skills:** Javascript/Node.js, Python, React/Redux, Typescript, Express.js, Flask, PostgreSQL, SQL, SQLAlchemy, HTML/CSS, jQuery, Amazon Web Services (AWS S3), Git, Docker, Object-Oriented Programming (OOP), Test-Driven Development (TDD), REST APIs, Agile Methodology, JIRA, Web Development, Full-Stack Development, Software Development Life Cycle (SDLC), Playwright, Quality Assurance, Analysis, End-to-end / Regression Testing, Unit Testing, Test Planning

**Interpersonal Skills:** Problem Solving, Analytical and Critical Thinking, Sales Associate Marketing Skills, Adaptability

**Languages:** Fluent in English, Mandarin Chinese

**Certifications & Training:** LambdaTest Test Automation Professional Certificate

**Interests:** Foodie, Traveling, Piano, Acrylic Painting, Beauty/Skincare Products, Investing, Reading