Grace Wang

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Summary

Aspiring Software Engineer with recent internship experience in software engineering and front-end development. Skilled in algorithms, full-stack development, and human-centered design, eager to leverage these skills to build impactful technology solutions.

EDUCATION

Boston University   **2021 - 2025**
B.A., Psychology and Computer Science
- **Coursework:** Full stack Dev, Web Dev, Mobile Dev, Database, Data Science, OOP, Social Psych, Experimental Design

WORK EXPERIENCE

Conifer Life Sciences Group | *Software Engineering Intern*   **May 2025 - Present**

Specialized in automation engineering to streamline processes for scientists and HR, improving efficiency and reducing manual workload.
- Developed custom web applications tailored to lab operations, designed Quickbase dashboards that simplify performance reviews and enhance data accessibility.
- Built multiple automated ELISA analysis apps (4PL & 5PL) for different teams, halving QC time and boosting accuracy. Streamlined product uploads and quote management, removing manual steps and sync errors.
- Collaborated with lab scientists, marketing, and IT, running demos and workshops to ensure alignment and increase feature usage, resulting in better team communication and project outcomes
- Built React apps, authored JavaScript scripts for Excel processing and Quickbase API, and configured Zapier workflows for WooCommerce-Quickbase sync, improving data processing efficiency and integration capabilities.

Conigen Bioscience | *Front End Dev Intern*   **Jun 2024 - Sep 2024**

Redesigned the company website using Figma and UX design, enhancing user experience and reinforcing company branding.
- Automated lab work and analysis, set up analytics that are still in use today, designed and developed 2 additional web interfaces and structured current pages, increased conversion by 1.16.
- Facilitated meetings across marketing and web design teams to re-engineer company web page, and supported other teams with graphic design, logo updates, office setup, and lab material organization.
- Built a Python script for competitor data scraping and designed web pages using HTML, JavaScript, and Elementor, growing the company's digital presence.

PROGRAMMING PROJECTS

Regression Simulator | *Course Work*   **Oct 2022 - Nov 2022**
- Flask-based web application for simulating linear regression and hypothesis testing with customizable parameters.
- Data generation, p-value computation, confidence interval visualizations, and dynamic plot rendering.
- Used: Python, Flask.

Inventory Management Project | *Independent*   **Aug 2023 - Nov 2023**
- Built full stack web app that facilitates efficient management of inventory for performance clubs. Includes features such as private listings, rental and purchase options, order tracking, and item browsing.
- Used: HTML, CSS, Javascript, Django, Python, Heroku.

Campus Closet | *Course Work/Independent*   **Sep 2024 - Jan 2025**
- Developed Android mobile app as a digital thrift store for college students.
- Includes features such as localized browsing based on user radius, image recognition to auto-tag clothing, and options to buy, sell, trade, and rent items; encourages sustainability and student community engagement.
- Used: Android Studio, Kotlin, Firebase, Imagga API, Google Geocoding API.

LEADERSHIP EXPERIENCE

Boston University | *Co-President*   **Sep 2023 - May 2025**
- Lead BU's traditional Chinese dance club (50+ members), focusing on technique, training, and team spirit!
- Manage logistics: inventory, costumes, props, rentals, venues, budgets, and vendors.
- Support choreographers and ensure readiness for two major showcases each year.
- Produce and promote two large-scale cultural showcases annually:
- One featuring BU performing arts groups: Converge.
- One uniting dance teams across Greater Boston: Annual Showcase.
- Promote traditional Chinese dance and cultural awareness on campus and beyond.
- Organize social bonding events to foster community and growth.

SKILLS

- **Frontend:** UX Design, User Research, SEO analysis, Figma, Survey Design
- **Backend:** API Integration & Design, Database Architecture, Database Management.
- **Programming Languages:** Java, Python, Go, Kotlin, HTML, CSS, JavaScript, Django, Flask, React
- **Product & Research:** User Research, Experimental Design, Data Analytics, Social Psychology, Team & Project Management
- **Personal:** Expressive writing, dance, visual arts, aspiring (yet unsuccessful) plant parent