

Julia Yang

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EDUCATION

UNIVERSITY OF WASHINGTON, Seattle, WA

June 2027

Bachelor of Science in Informatics: Data Science, Minor: Business Administration

GPA: 3.7/4.0

Relevant Coursework: Calculus I & II, Elements of Statistical Methods, Design Methods, Research Methods, Core Methods In Data Science, Essentials of Accounting, Computer Programming Series, Client-Side Development.

Achievement: Annual Dean's List.

WORK EXPERIENCE

FREELANCE at DIAMOND DESIGN JAPAN, Tokyo, Japan

July 2025 - January 2026

Brand Identity Designer & Web Developer | <http://almeria.co.jp/en/>

- Designed and launched a website for a 6-room boutique hotel (almeria.co.jp), boosting customer base by 130% and attracting 5k+ visitors from both domestic and international markets.
- Partnered with business owner to shape company vision and brand strategy, creating 20+ logo iterations before finalizing a minimal, modern identity applied across all products.
- Leading design and development of the corporate website to highlight services and values, launched in November 2025.

ACADEMIC PROJECTS

TSP OPTIMIZATION WITH QUANTUM COMPUTING, Tokyo, Japan

September 2022 - May 2024

Researcher

- Implemented 2-opt and genetic algorithms in Python to solve the Traveling Salesman Problem using real distance and time data from Tokyo's railway network.
- Ran four experiments on 5- and 10-node datasets, comparing convergence behavior, route lengths, and runtime efficiency to evaluate algorithmic performance.
- Mapped station coordinates manually to calculate distances, analyzed exponential growth in complexity, and examined quantum computing approaches as future optimization methods.

LEADERSHIP EXPERIENCE

UNITE UW, Seattle, WA

September 2025 - Present

Facilitator | Program Photographer & Social Media Team

- Collaborates with the leadership team during weekly gatherings and retreats to help deliver smooth, engaging member experiences.
- Organizes photo sessions for over 100 participants and captures events for marketing.
- Boosted program outreach by producing Instagram posts and weekly flyers to promote upcoming events.
- Facilitates a small group of 5 people across different cultural backgrounds.

THE SOCIAL ENTREPRENEURSHIP PROJECT, Tokyo, Japan

September 2022 - May 2024

Treasurer

- Oversaw budgeting and financial strategy for a student-led initiative expanding education access in Papua New Guinea, ensuring funds were allocated for school supplies, facilities, and cultural exchange programs.
- Co-led a team of 13 members, raising over 300,000 yen in funding and scaling operations into three international teams supporting multiple countries.
- Drove leadership efforts in fundraising, partnership development, and strategic planning to expand initiative visibility and growth.

SKILLS & INTERESTS

Technical Skills.

- **Programming:** Python (Intermediate), HTML & CSS (Intermediate), R(Intermediate), Java (Intermediate).
- **Languages:** Mandarin Chinese (Native), Taiwanese Hokkien (Proficient), English (Native), Japanese (Full Professional, N2).
- **Skills:** UI/UX, Web Development, Data Analysis, Algorithm Optimization, Digital Illustration, Figma, WordPress, Prototyping, Marketing.