Yujeong Chang

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HIGHLIGHTS OF QUALIFICATION

- Thorough commitment to a career transition demonstrated through self-directed learning, excelling in programming courses at TRU, creating projects like a personal website, and applying skills collaboratively to design a socially impactful public trash bin locator app—showcasing both passion and readiness for diving into the tech field
- Proven ability to excel in demanding responsibilities, including research assistant works, rigorous coursework, and active community involvements—all driven by a strong passion for excellence and reflected in a 3.54/4.30 cumulative GPA (officially calculated by Ewha Womans University as 92.8%) including relative courseworks such as Probability and Statistics (Grade: A)
- Active community engagement demonstrated through volunteer mentoring at childcare centers, a strong passion for social good, along with leadership and teamwork skills honed as a research assistant and hackathon project manager —ready to extend these experiences to contribute to inclusive and vibrant communities

EDUCATION

THOMPSON RIVERS UNIVERSITY – Kamloops, Canada   August 2024 – January 2025
Open Learning Program (Online)
- Completed:
  Computer Programming I (COMP1131, Grade: A+), Computer Programming II (COMP1231, Grade: A+)
- Currently Enrolled (expected to conclude in January 2025):
  Discrete Mathematics (MATH1701), Introduction to University Writing (ENGL 1101)

EWHA WOMANS UNIVERSITY – Seoul, South Korea   March 2019 – February 2024
Bachelor of Science (Major: Life Science, Minor: Chemistry and Nano Science)

OREGON STATE UNIVERSITY – Oregon, USA   January – June 2022
Study Abroad Program
- Fostered cultural competency and flexibility by navigating a diverse academic community.

RELEVANT PROJECTS

Hackathon Project "*BinGo*", a location-based app designed to promote public cleanliness by providing real-time public trash bin locations in South Korea
Role: UI Designer & Project Manager | Live Demo and Resources: devpost.com/software/bingo-s78zm1
- Participated in a community-organized hackathon ("Seoul Tech Impact") dedicated to social good, fostering a collaborative environment for innovative solutions.
- Contributed to *BinGo* by leading creative UI design and assisting in frontend development, utilizing technical skills in HTML, CSS, and JavaScript to deliver a functional and engaging application.
- This experience deepened my understanding of teamwork and honed my leadership and communication skills. It also reinforced my belief in technology's potential to address societal challenges, inspiring me to explore further ways to create impactful solutions.

Personal Website Project
My Website: https://yujeong-chang.netlify.app/
- Built a personal website to share my story, applying HTML, CSS, and JavaScript. By leveraging tutorial resources to guide the design and implementation, this project highlights my enthusiasm for learning and my ability to turn knowledge into a practical website.

PROFSSIONAL EXPERIENCE

Research Assistant   March 2023 – December 2023

Natural History Museum, Ewha Womans University – Seoul, South Korea

- Assisted in the phylogenetic classification of marine animal specimens, including Tunicata, ensuring accurate categorization for research and collection storage.
- Compiled and updated Tunicata specimen records in the museum's online database, improving accessibility for researchers and curators.
- Supported the museum's annual specimen exhibition by assisting with display setup, ensuring engaging presentations, and guiding visitors through the exhibits.

Research Intern   June 2023 – August 2023

Nanobiomaterial Nanotechnology Lab, Department of Pharmaceutical Sciences, Ewha Womans University – Seoul, South Korea

- Gained hands-on experience under the guidance of Professor Hyukjin Lee with key life sciences and nanotechnology techniques, including PCR, DNA/RNA purification, transfection, and cell culture maintenance to support experimental preparations.
- Strengthened critical thinking and analytical skills by proactively engaging in lab-wide journal club sessions, summarizing and presenting scientific articles to foster discussions on research findings and implications.

VOLUNTEERING

Assistant Teacher

Center for Child Development and Disability – Seoul, South Korea   February 2023 – June 2023

- Supported children aged 7–11 with developmental disabilities by reinforcing school lessons through hands-on activities, such as using color-coded flashcards to teach basic science concepts and leading interactive storytelling sessions to improve language skills.
- Encouraged inclusive participation by organizing outdoor field trips and interactive play sessions, fostering confidence and building social connections among children.

Volunteer Youth Mentor   March 2024 – present

Haeundae Children's Care Center – Busan, South Korea

- Assisted with extracurricular activities for children aged 6–12, fostering a positive and engaging environment through indoor and outdoor play.
- Taught basic Python concepts to a small group of interested children, sparking their curiosity and building confidence in technological skills.

DISTINCTIONS

KB Foundation Scholarship for Advancing Foundational Sciences

KB Financial Group and Ewha Womans University – South Korea   Fall(2nd Semester), 2022

- Awarded a department-wide scholarship recognizing the top-performing student for academic excellence and potential in core scientific disciplines.

SKILLS

Technical Skills: Intermediate Python, Java, HTML, CSS and Basic JavaScript
Languages: English (Fluent), Korean (Native), Japanese (Intermediate)