JIWON YOO

69 Brown Street Mail #2894, Providence RI 02912 | 401-215-7262 | jiwon_yoo@brown.edu | www.linkedin.com/in/jiwon-v-yoo

Education

Brown University, *BSc. Applied Mathematics, 4.0/4.0 GPA*   *Providence, RI* | Expected Graduation: May 2026
Bangkok Patana School   *Bangkok, Thailand* | Graduated May 2022
Awards: Top in the World Mathematics Cambridge Outstanding Learners, British Mathematical Olympiad Top 0.05% Merit, World Math Championships Invitation x2, Southeast Asia Math Competition Finalist x3, Duke of Edinburgh's Award Gold
Grades: IB 44/45, Bilingual Diploma, Cambridge A-Level Further Mathematics A*, AP Calculus BC 5

Work Experience

Hanwha Group, Finance   *Seoul, South Korea & San Francisco, CA*
Business Manager Intern, Entrepreneurship Track of Global Internship Program   June 2024 – [August 2024]
- Co-founded and strategized the development of a B2C community app, driving the project from concept to launch through comprehensive collaboration with a multidisciplinary team of co-founders (BD, PM, UX designer, SWE) and expert mentors.
- Led strategic planning, user research, and business model definition to ensure a viable and user-centric service.
- Collaborated to create detailed wireframes and app interfaces, ensuring alignment with user needs and business goals.
- Preparing to pitch the finalized business model and MVP to VC investors, demonstrating the service's potential and securing valuable feedback and insights for further development.

BrickMate Inc   *Seoul, South Korea*
Project Management Intern   June 2023 – August 2023
- Designed high-fidelity project prototypes, UI/UX wireframes, and storyboards in Figma for 4 start-up services.
- Conducted logistical project management process including meetings, writing work breakdown structures on Google sheets, creating project sprints, and communicating with Vietnamese designers and developers.
- Proficiently utilized Jira to track project sprints and ensure QA/QC procedures.

Research & Development Intern   June 2023 – July 2023
- Programmed in Python utilizing mathematical analysis and deep learning techniques to build a speaker recognition algorithm with 98% accuracy.
- Utilized FastAPI's automatic interactive documentation feature to generate API documentations, utilize the testing capabilities and automate the execution of algorithm performance against various datasets.

Undergraduate Teaching and Research Award   *Providence, RI* | January 2024 – May 2024
- Award recipient that honors an experience to develop the Biomedical Engineering module for the Introduction to Engineering course in Fall 2024, collaborating with faculty to create hands-on assignments and course materials.
- Designed practical tasks focused on data collection and analysis in Python, enabling students to build and test their own wearable sensors for enhanced experiential learning.

Extracurricular Activities

Brown Taekwondo Team, *Instructor, 3rd Degree Black Belt Athlete*   *Providence, RI* | December 2022 – Present
- Teach and mentor Olympic sparring, self-defense, forms and more to over 60 students for up to five 3-hour practices a week.
- Annually coordinate student athletes at 6 different Division-1 collegiate tournaments (national & regional) fulfilling tasks of on coaching, competitor hospitality, on-scene documentations, and team spirit encouragement.
- Keep track of attendance, belt test promotions, tournament result records, and more of all 150+ members using Google Sheets operations

DesignXHealth, *Project Co-Lead Finger Contracture Splint Design*   *Providence, RI* | September 2023 – Present
- Lead the development of an innovative finger contracture splint, emphasizing ergonomic design and patient usability.
- Apply and research expertise in biomechanics, material science, and user-centered design, ensuring product effectiveness, comfort, and compliance with medical standards
- Manage project resources and timelines effectively, incorporating patient and mentor feedback and new technologies

Skills

- **Technical Skills:** Microsoft Office Suite (Excel, Word, PowerPoint), Google Workspace (Sheets, Slides, Docs), Figma, Python, Java, HTML, CSS, CAD/CAM, MATLAB, Jira
- **Soft Skills**: Strategical mind, Organized, teamwork, emotional intelligence, reliable, adaptable, flexible, quick learner
- **Languages**: English & Korean (Fluent), Mandarin, Thai, Japanese (Self-taught, Basic)
- **Interests:** Logic Puzzles, Outdoor activities (Hiking, Scuba Diving, Sailing, Ski), Learning new skills (Guitar, Juggling, Art)