Chris (Yunho) Song

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EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**

B.S. in Information Systems & Additional Major in Computer Science | **GPA: 4.0 / 4.0 (Dean's List with High Honors)**   May 2027
- Coursework: Imperative Computing, Matrices and Linear Transformations, Microeconomics, Fundamentals of CS

Chadwick International School   **Seoul, South Korea**

International Baccalaureate (IB): 44 | SAT: 1580   Jun 2023

WORK EXPERIENCE

Re:Bloom   **Seoul, South Korea**

Technical Consultant   Jan 2024 - May 2024
- Conduct background research on competitors and customers, develop project scope, and conduct user testing. Make technical solutions sustainable by providing technical education to clients.
- Formulated unique brand strategy and identity, underpinned by comprehensive market research and iterative wireframing.

15-112: Fundamentals of Programming and Computer Science   **Pittsburgh, PA**

Teaching Assistant   Dec 2023 - Present
- Closely mentor students in large-scale term projects over a period of 6 weeks through one-on-one meetings and guidance through tech stacks and algorithmic complexity.
- Lead weekly recitations, office hours, and review sessions attended by 200+ students, created practice materials for weekly small group meetings, and graded assignments and exams.

Callus Company   **Seoul, South Korea**

Software Developer Intern   Jul 2022 - Oct 2022
- Developed 10+ game simulations for a puzzle (iOS app using Xcode: Dotdot) that allows diagnosis of Alzheimer's
- Designed user interface widgets for the application, enhancing the onboarding experience with visual elements

LEADERSHIP

Lunar Gala (Student-Led Fashion Show)   **Pittsburgh, PA**

Web Head; Creative Team   Sept 2023 - Present
- Collaborated on designing and developing a creative website for the Lunar Gala, a student-led fashion show, worked with 10 designers, and created home, lines, ticket, and people page for over 5,000+ viewers.
- Utilized HTML, JavaScript, and Three.js (JavaScript Library) to seamlessly integrate creative designs, resulting in a visually compelling platform that effectively showcases the diverse products featured in the fashion show

Alpha Kappa Psi, Professional Business Fraternity   **Pittsburgh, PA**

Webmaster, VP of Administration   Aug 2023 - Present
- Responsible for managing and updating the fraternity's website, ensuring accurate and positive representation of the fraternity
- As VP of Administration, coordinated study hours for 19 members, effectively assigning and managing a total of 132 hours.

PROJECTS & PUBLICATIONS

Hack for Humanity - MellonTalk   Feb 2024
- Engineered a comprehensive voice/text chat application aimed at fostering healthier gaming communities, featuring an filter that automatically detects and eliminates hate speech in real-time to ensure a positive online-communication environment
- Distinguished as one of the top projects, it was selected for showcase among over 87 submissions.

Secure-Online Voting System Using Homomorphic Encryption   Apr 2021 - Jan 2022
- Published in 2022 International Journal of STEAM, distributed to 200+ South Korean educational institutes
- Programmed an online voting program through homomorphic encryption using Python (PysimpleGUI)

SKILLS & INTERESTS

Skills: C/C++ | Python | Swift | Markdown | Matlab | JavaScript (Three.js) | LaTex
Language Proficiencies: Bilingual in English, Korean | Japanese Working Proficiency
Interests: Gym Exercise | Travel | Thrift Shopping | Skiing | Classical Music