

KYUNG SUB LEE (DANIEL)

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EDUCATION

Cornell University, College of Computing and Information Science, Ithaca, NY

May 2026

B.S., Information Science; *Concentrations in User Experience and Data Science*; Minor in Business

GPA: 3.81 | Dean's List

Relevant Courses: Designing Tech for Social Impact, Human-computer Interaction, Interactive Web Application Design and Development, Visual Data Analytics for Web, Object-Oriented Programming & Data Structures (Java)

EXPERIENCE

Finch, Dallas, TX, *User Experience Intern*

Aug. 2024-Dec. 2024

- Incoming product management intern at Finch.

InnovatEV Global, Dallas, TX, *Systems Engineer Intern*

Jun. 2024-Aug. 2024

- Designed the user interface for a car application that allows users to add new functions, pitched to Toyota.
- Created and user-tested an inspection application prototype on a no-code platform; Coded the application using results.

Melo Tomorrow, Seoul, South Korea, *CEO & Founder*

Dec. 2021-Present

- Led a team of 7 (2 marketers, 2 designers, 2 developers, and 1 translator) to create a startup that designs and manufactures functional clothing for individuals with autism spectrum disorder by tackling hypersensitivity.
- Conducted user research at a disability center; pioneered a stitching technique, reducing clothing-to-user contact.
- Engineered patterns, sourced tactile-sensitive cloth, and manufactured 160 garments (80 hoodies, 80 sweaters).
- Designed web app's UI using Figma; Implemented the design with React.js; Led marketing with Meta advertisements.

Architectural Robotics Lab, Ithaca, NY, *Undergraduate Researcher*.

Jan. 2024-Present

- Researched reimagining rooms and their furnishings as robots that support inhabitants, advised by Dr. Keith Green
- Prototyped the "Robot Room"; Conducted 3-hour user tests with 24 participants to evaluate its potential as a solution.

Cornell University, Ithaca, NY, *Teaching Assistant: Intro to Web Design and Programming*.

Aug. 2023-Dec. 2023

- Tutored 10-20 students on HTML, CSS JavaScript, Git/GitHub usage, and design concepts during weekly office hours.
- Led weekly discussion sessions for 12 students to go through course material in more depth.

Design Consulting at Cornell, Ithaca, NY, *Consultant*

Aug. 2023-Dec. 2023

- Created a fitness and habit-building application for Cornell students to find optimal time slots to go to the gym.
- Conceptualized 7 distinct screen designs (wireframes and prototypes); Conducted 2 rounds of user testing.

Republic of Korea Army, Gangwon-do, South Korea, *Sniper, Sergeant*

Dec. 2021-Jun. 2023

- Received various accolades; Notably, was the recipient of the highest-performing squad in the KCTC war simulation.

PROJECTS

TruScoop, *Best Overall: Cornell AppDev Hackathon Challenge*

- Developed a news app that predicts the political orientation of articles using a machine-learning classification model.
- Utilized natural language processing and TF-IDF vectorization to vectorize content for machine learning model.
- Created interactive prototypes to simulate user interfaces, used for 2 rounds of usability testing.
- Distinguished 1st place among 33 competing teams, comprising 150 students.

AI Journal, *Human-Computer Interaction*

- Worked with a team of 5 to design a digital journal that computes user information collected through text and media.
- Coordinated user research to create collaborative POV Analyses, journey maps, and personas.
- Designed the prototype and wireframes used to conduct the user tests and the resulting iterations of the design.

SKILLS & INTERESTS

Programming Languages: Python, Java, Swift, R, HTML5, CSS3, & JavaScript/TypeScript

Frameworks/Tools: Figma, Adobe Illustrator, Adobe Photoshop, Adobe After Effects, Git, ReactJS, Next.js, Tailwind CSS

Languages: Fluent in Korean, Fluent in English

Interests: Rock climbing, Swimming, Listening to 80's Rock, Basketball, Reading old literature