

# 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, *Product Management Intern*

Aug. 2024-Dec. 2024

- Contributing to the development of a data distribution technology for automotive applications.

**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 1<sup>st</sup> 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