

# Seungyoun Lee

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## EDUCATION

### University of North Carolina at Chapel Hill

Chapel Hill, NC

- Master of Science, Computer Science
- Accepted, program begins August 2026

(Anticipated)

### University of Toledo

Toledo, OH

- Bachelor of Science, Computer Science Engineering & Technology
- Cumulative GPA: 3.87/4.00

01/2021 - 12/2024

## SKILLS

- |                                 |   |                                     |
|---------------------------------|---|-------------------------------------|
| • <b>Programming Languages:</b> | Python, HTML, CSS, JavaScript, C, Swift, SQL, Java, Flutter | <b>Coding Skills:</b> Proficient    |
| • <b>Software Tools:</b>        | Excel, GitHub, Xcode, MySQL                                 | <b>Technical Skills:</b> Proficient |
| • <b>Communication:</b>         | Written and oral communication: <i>English, Korean</i>      | <b>Language Proficiency:</b> Strong |
| • <b>Certificate:</b>           | IBM AI Engineering Professional Certificate                 | <b>Completed:</b> 02/2024           |

## EXPERIENCE

### KT Telecop | *Web developer*

Seoul, South Korea (Remote) | **08/2020 - Present**

- Modeled and designed the website's strategic layout in Figma for a 13-page website
- Optimized web development using JavaScript, HTML, and CSS to maximize user interaction
- Achieved 1000+ quote inquiries a year, generating 3x in sales after launching the website

### The University of Toledo | *Technology Support Assistant*

Toledo, OH | **08/2023 - 12/2024**

- Expedited 150+ IT-related tickets a year, supporting 200+ employees with technical knowledge
- Devised a system to improve the efficiency of inventory checks, with a reduction of 50% in time
- Revitalized the work environment in a three-person team with an upbeat and respectful attitude

## PROJECTS

### Machine Learning Modeled Playlist Recommendation App | *Team Project*

**05/2024 - 03/2025**

- Initiated a 3-person team project that recommends songs based on user's mood using an ML model created by Google
- Maintained a weekly-meeting format to share progress and align team's direction
- Developed a Flutter app with feedback of 80% responding the playlist matched the user's mood

### Augmented Reality Indoor Navigation App | *Senior Capstone Team Project*

**08/2024 - 12/2024**

- Organized a 3-person team to create an iOS app for indoor navigation with an augmented reality
- Built the app using Swift programming language, ARKit framework, and Dijkstra's Algorithm
- Scored 96.1% for peer evaluation in creativity, performance, and presentation

### Automated Pet Feeder Embedded System | *EET 3350 Final Team Project*

**10/2024 - 12/2024**

- Redesigned the automated pet feeder system which another team created using GPIO
- Assembled a TM4C123GH6PM microcontroller within integration of LEDs, switches, and Nokia screen
- Embedded C for LED control and feed cycle management with a timer setup for auto-feed every 2 hours