

# Yoonje Lee

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## Education

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### Virginia Tech

Master of Computer Science and Application

Expected May 2026

BS in Computer Science & HCI Minor

Expected May 2025

- GPA: 3.9/4.0
- President's List (Fall 2022) and Dean's List (Spring 2023, Fall 2023, & Fall 2024)
- **Coursework:** Software Engineering, Computer Graphics, Computer Systems, HCI Capstone

## Technologies

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C, C++, Java, Python, TypeScript, JavaScript, Swift, Bash React, Next.js, Three.js, Node.js, HTML, Tailwind CSS, SQL, MySQL, PostgreSQL, MongoDB

## Experience

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### Software Engineer Intern

Remote

Versy Talks

May 2024 – Aug 2024

- Increased debate participation by 20% after implementing a notification system, with engagement rising from 45% to 70%
- Boosted blog views by 30% and site traffic by 20% after redesigning the UI
- Reduced manual password reset requests by 10+ users by automating the process with email verification
- Improved website responsiveness, leading to a 35% increase in mobile users

### Undergraduate

Blacksburg, VA

Virginia Tech

Aug 2023 – Present

- Assisted 1000+ students per semester with course homework, assignments, and projects
- Courses: Introduction to Computer Organization I and Data Structures and Algorithms

## Projects

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### RewardBot

Dec 2024

- Designed an web application to motivate students to complete assignments before deadlines through a reward-based system
- Utilized Canvas API to retrieve students' assignment data for the semester
- Developed a browser extension to show upcoming assignment deadlines
- Tools used: Typescript, React, Tailwind CSS

### Interactive Data Visualization Tool

Dec 2023

- Integrated a dynamic data visualization tool and integrated advanced data management features (append, cut, copy, paste) to streamline user workflow in handling complex datasets.
- Tools used: JavaScript, React, Express, Node, MongoDB

### Guardian Tales

Mar 2023

- Developed a personalized audiobook platform for children, incorporating guardian's voice for an enhanced emotional connection
- Integrated Azure Cognitive Services for TTS conversion, generating realistic voice outputs
- Won the "Best-Beginner Awards" at "HooHacks 2023"
- Tools used: Python