

Yoonje Lee

LinkedIn: [linkedin.com/in/yoenje-lee-0573a4214/](https://www.linkedin.com/in/yoenje-lee-0573a4214/)
Github: github.com/yoenje201
Email: lee.yoenje802@gmail.com
Location: Blacksburg, VA

Objective

Eager to face technological challenges and explore new learning opportunities, I am actively seeking a software engineering internship role where I can contribute and learn from innovative projects. My goal is to leverage my passion for continuous learning and problem-solving in a dynamic environment.

Education

Virginia Tech, B.S. Computer Science Major & HCI Minor

- GPA: 3.9 out of 4.0
- President's List (Fall 2022)
- Dean's List (Spring 2023 & Fall 2023)

Blacksburg, VA
Expected May 2025

George Mason University, B.S. Computer Science

- GPA: 3.97 out of 4.0
- Dean's List (Fall 2021 & Spring 2022)

Vienna, VA
Transferred 2022

Skills

- Technical Languages: C, Java, Python, HTML/CSS/JS, React, Node.js, Next.js
- Tools: MongoDB, Git, Figma
- Framework: Streamlit, Tailwind, Prisma, tRPC
- Languages: Korean (native), English (fluent)

Experience

Software Engineer Intern | Versy | Next.js, Tailwind, Prisma, tRPC

May 2024 – Present
Remote

- Developed and tested user notification and password reset features, ensuring reliable and secure user interactions.
- Built backend APIs using tRPC and Prisma, enhancing data update efficiency.
- Designed notification features with Tailwind CSS, improving UI consistency and responsiveness.
- Implemented accessibility features on the notification page and home page topics, enhancing overall user accessibility.

Undergraduate Teaching Assistant | Virginia Tech | C, x86, Linux

Jan 2023 – Present
Blacksburg, VA

- Communicated effectively with faculty regarding 500+ student progress and participated in professional development opportunities
- Created documentation of instructions for students to set up ssh credentials in VS Code
- Assisted students with course homework, assignments, and project
- Introduction to Computer Organization I, 9 hours per week

Project

Interactive Data Visualization Tool | React, Node.js, CSS, SVG, MongoDB, D3

Apr 2023
Blacksburg, VA

- Dynamic data visualization tool interfacing with **MongoDB**, present and interact with intuitive UI.
- Brushing and Linking for data manipulation and enhanced user engagement and understanding.
- Enabled customization of chart elements (titles, x/y axis) with immediate visual updates, facilitating user-centric data presentation.
- Implemented Coordinated Multiple Views with **SVG** and the **D3** library in **React**
- Integrated advanced data management to streamline user workflow in handling complex datasets.

Guardian Tales | HooHacks 2023 | Python, Streamlit

Mar 2023
Charlottesville, VA

- Developed a personalized audiobook platform for children, incorporating guardian's voice for an enhanced emotional connection
- Utilized **Streamlit** framework to create a user-friendly web application
- Integrated **Azure Cognitive Services** for TTS conversion, generating realistic voice outputs
- Employed **Python** for efficient conversion of video files into voice files
- Won the **"Best-Beginner Awards"** at **"HooHacks 2023"**

Course Work

Data Structures and Algorithm • Computer Systems • Introduction to GUI • Introduction to HCI • Data and Algorithm Analysis