

Taerim Kim

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Education

Virginia Polytechnic Institute & State University, Blacksburg VA
Bachelor of Engineering, Computer Science
August 2022 - May 2026
GPA: 3.46 / 4.0

Skills

Technical Skills — Java, JavaScript, C, C++, Python, Swift, HTML, XML, MySQL, Git, SpringBoot, PostGres, Excel
Language — Korean (Native), English (Fluent)

Projects

Artist App

- Developed an interactive iOS app using Swift and REST APIs to generate AI-drawn images based on user input.
- Implemented features to recommend color palettes for artworks and display curated art pieces from selected museums.

JigSaw Puzzle Game

- Built an dynamic iOS jigsaw puzzle game app using Swift, JSON, and Xcode.
- Incorporated touch gestures for puzzle manipulation and ensured responsive design for different screen sizes.

Hackathon — VTHACKS 11

- Designed and developed a web application to display real-time availability of study spaces on campus.
- Utilized Java, HTML, and Spring Boot to create a database-driven backend and implemented a user-friendly front-end interface.

Memo App

- Created an Android memo app using Android Studio, allowing users to write, save, and edit notes.
- Implemented local data storage for offline access and optimized UI for seamless navigation.

Experience

AI Model Evaluator — Ibit Corporation, Seoul, Korea (June 2024 - August 2024)

- Evaluated and optimized AI-generated code outputs in SQL, Python, C, and JavaScript.
- Conducted systematic assessments to enhance performance and accuracy of AI models.

Path Planning Developer — VT Autodrive, Blacksburg, VA (August 2024 - present)

- Contributed to autonomous vehicle path-planning and perception systems.
- Developed route optimization algorithms using pgRouting (C++) for enhanced navigation.

Tutor — Seoul, Korea (June 2024 - August 2024)

- Taught Precalculus and Trigonometry to high school students.

Vice President — Korean Student Association, Virginia Tech (May 2024 - present)

- Organized social and cultural events to promote Korean traditions.
- Assisted new students with settling into the Virginia Tech community.

Awards

Dean's List — (2022 Fall, 2022 Spring, 2023 Fall)