Minsoo Ku

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EDUCATION

University of Maryland   College Park, MD
Bachelor of Science in Computer Science   *2022 – 2027 (Expected)*
- **GPA:** 3.62 / 4.00
- **Honors:** Academic Honors / Dean's List (2023-2024)
- **Relevant Coursework:** Algorithms, Organization of Programming Languages, Discrete Structures, Object-Oriented Programming, Application of Linear Algebra, Applied Probability and Statistics

PROFESSIONAL SUMMARY

Structured and globally minded problem-solver with a strong foundation in computer science and cross-functional team collaboration. Experienced in connecting technical knowledge with real-world execution through international military service, leadership roles, and AI-focused projects. Proficient in multiple programming languages; excels in communicating across cultural and functional lines. Brings a track record of aligning mission-driven objectives with technical solutions to deliver measurable results.

EXPERIENCE

United Nations Interim Forces in Lebanon (UNIFIL)   Sep 2024 – May 2025
Interpreter, Republic of Korea Battalion S3 (Ops)   *Tyre/Naqoura, Lebanon*
- Provided interpretation (English & Korean) for multinational meetings and translated official documents/guidelines.
- Served as Master of Ceremonies for multicultural events.
- Developed and coordinated operational plans using Microsoft Office.
- Drafted operational back-briefs and presented results to commanders.
- Received commendation from the ROK Ambassador to Lebanon and UN Medal from the UN Secretary General.

Sociable AI   Jan 2023 – Aug 2023
Full-Stack Developer   *College Park, MD*
- Built and maintained chatbot-based platform using **TypeScript, React.js, TailwindCSS, Python**.
- Integrated APIs including **OpenAI, Instagram, Twitter, Discord, Telegram** for cross-platform features.
- Collaborated across teams and participated in funding discussions with school boards.
- Conducted debugging & log analysis to improve performance and scalability.

PROJECTS

RouteN | *Flutter, Firebase, Google Maps API*   2025
- Developed a Flutter-based travel planning app for discovering, planning, and saving trips.
- Implemented community features: reviews, photos, ratings, and trip-linked courses.
- Built dashboards and authentication with **Firebase (Auth, Firestore, Storage)**.
- Applied scalable widget architecture for multiple destinations and travel themes.

Portfolio Website | *React.js, Tailwind CSS, Vite, EmailJS*   2024 – Present
- Built a responsive personal portfolio website to showcase professional experience, projects, and skills.
- Implemented dark/light mode toggle with persistent storage and smooth animations.
- Developed an interactive contact form integrated with **EmailJS** and **React Toastify** for real-time feedback.
- Created project showcase cards, skill filtering, and professional timeline using modern UI/UX principles.
- Deployed and optimized the site on **Netlify** with code-splitting and Tailwind CSS purging.

EXTRACURRICULAR ACTIVITIES

Korean Undergraduate Student Association (KUSA)   Jul 2023 – Dec 2023
Treasurer   *College Park, MD*
- Managed organization's budget, tracking income and expenses.
- Provided monthly budget reports to the executive board and regular members.
- Collected membership dues and oversaw event fundings.

TECHNICAL SKILLS

Backend Languages: Java, C, Python, OCaml, Rust, Ruby
Frontend / Frameworks: React, Flutter, Tailwind CSS, HTML, CSS
Developer Tools: Git, Docker, Firebase, Google Cloud Platform, VS Code, Visual Studio, Eclipse
Languages: English (Native), Korean (Native)