Hun (Donghun) Kim

hunkim98@gmail.com | https://hunkim98.github.io

Interests: Human-AI Collaboration, Online Editors, Real-time Collaborative Softwares, Human-Computer Interaction

EDUCATION

SEOUL NATIONAL UNIVERSITY (SNU)	**Seoul, Korea**
Bachelor of Science in Computer Science and Engineering	*2017–2023*
Bachelor of Fine Arts in Visual Communication and Design	

WORK EXPERIENCE

Human-Computer Interaction Lab (Seoul National University)	**Seoul, Korea**
Research Intern	*07/2023 - Present*

- Advisor: Prof. Jinwook Seo
- Researching Human-AI Collaboration HCI applications for visual designers
- Developing a data log analysis web software for LG that helps developers examine QA issues and communicate with other developers using NextJS for frontend and FastAPI for backend.

hyphen Labs (Techstars'23 Startup)	**San Francisco, CA**
Developer	*12/2022 - 03/2023*

- Secured $120,000 pre-seed funding from Techstars for the Crypto & Blockchain batch of Boston for 2023 and procured 10 LOI's (Letters of Intent) from financial institutions across the US, APAC, and European Regions
- Built an institutional DeFi trade platform with Sepior's MPC (Multiparty Computation) solution using NestJS and Golang for backend and NextJS for frontend

Naver Smart Studio Alto TF (WYSIWYG Content Editor Platform)	**Seoul, Korea**
Developer	*06/2022 - 12/2022*

- Contributed to CRDT (Conflict-free replicated data type) open source document store, Yorkie, for building collaborative editing applications.
- Developed software algorithms and designed system structures for implementing CRDT into whiteboards.
- Contributed to yorkie-js-sdk and yorkie homepage documentation

Whoyaho Corp. (Entertainment Startup)	**Seoul, Korea**
Developer	*06/2021 - 02/2022*

- Created a PVP board game app, 'Fidget Town', for teenagers to trade their fidget items in real-time (over 1 million downloads as of 2022/07/12) using React Native.
- Developed management web solutions for published applications and developed a NLP system to track real-time trends in user items and app usage using NestJS for backend and NextJS for frontend.

Transverse Inc. (Video Conference Platform)   **Seoul, Korea**
Research Intern   *02/2021 - 03/2021*

- Conducted document research on Edu-tech industry and created 50+ page business proposal plans for government-supported TIPS (Tech Incubator Program for Startups) program.

Korea Military Academy   **Seoul, Korea**
Sergeant, ROK Army   *08/2018 - 04/2020*

- Led a team of 12 military translators to create English education programs and materials for KMA (Korea Military Academy) cadets.
- Participated as a soldier representative of the KMA Service Support Corps to discuss security and welfare issues with KMA military officials under the 'One KMA' program.

PUBLICATIONS

Donghun Kim, Mingu Lee.(2021).A Study on Web App Service Design Reading the Personality of One's Acquaintance Targeting 20s Based on Enneagram.한국HCI학회 학술대회,(),227-232.

HONORS & AWARDS

Top 16 Finalist, Primer   *05/2023*
Primer Generative AI Hackathon

Best Video Content Award, Korea Communications Commission   *12/2019*
Korea Communication Commission <Military Internet Security> Video Contest

Best Poster Design Award, ROKA Combat Readiness and Safety Corps   *07/2019*
ROKA Combat Readiness and Safety Corps <Respect for Life> Poster Contest

Yongwoon Scholarship, Yongwoon   *03/2018 - 12/2022*

ADDITIONAL SKILLS

- Coding: Javascript/Typescript (Fluent), Python (Fluent), C# (Basic), Java (Basic)
- Programs: Adobe Illustrator, Adobe Photoshop, Adobe Premiere, Final Cut Pro
- Languages: English(Fluent), Korean(Fluent), Mandarin Chinese (Basic)