YULE KIM

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PROFILE

Entrepreneur integrating design thinking with business expertise to advance health & med-tech innovations.
https://www.yule.kim/

EMPLOYMENT

Seoul Cyber University Seoul, South Korea | Dec 2024 – Present

Adjunct Professor

- Department: Electrical and Electronic Engineering
- Course: IoT and Healthcare Industry
- Lectures on IoT fundamentals and healthcare applications, including medical devices, telemedicine, smart hospitals, data management, security, and AI integration, with a focus on industry trends and case studies.

Charco Neurotech Ltd. Cambridge, United Kingdom | Jul 2020 – Mar 2023

Regional Manager

- Med-tech that develops a non-invasive IoT device that alleviates the symptoms of Parkinson's patients.
- Led the development of the prototype (hardware and software) and its transition to mass production.
- Conducted user testing and contributed to clinical research.
- Started as a Product Manager and was promoted to Regional Manager.
- Contributed to securing $10 million in seed funding.

Keeper Inc. Seoul, South Korea | Aug 2019 – Dec 2021

Founder & CEO

- Health-tech that develops IoT posture correctors using FSR sensors combined with specialized software.
- Led product development from concept to market launch, achieving 1,012% crowdfunding success.
- Secured approximately $500K in seed funding from government grants and investors.
- Facilitated team integration with Charco Neurotech Ltd.

Iamcompany Inc. Daejeon, South Korea | Sep 2012 – Feb 2013

UX Design Intern

- Designed UI and UX guidelines for iamschool, an educational mobile app service.
- Acquired by NHN in a $10 million deal.

Best App Developers Gyeonggi, South Korea | Oct 2011 – Sep 2012

Founder & CEO

- Recruited and managed a team to develop mobile entertainment applications.
- Led the 'Loop Monster' project, transforming the loop station concept into an intuitive mobile app for a broad audience.
- Successfully integrated the team with iConnect Inc.

EDUCATION

University of California, Berkeley Berkeley, California | Aug 2024 – Present

Master of Design Engineering

- Awarded Kwanjeong Educational Foundation (KEF) Scholarship.
- Awarded MDes Distinguished Scholarship.

KAIST Daejeon, South Korea | Mar 2022 – Feb 2024

Master of Business Administration

- Awarded a full scholarship for innovative business models addressing social issues.
- Served as a K-Ventures committee member, mentoring students on venture capital and startups.

Korea University Seoul, South Korea | Mar 2016 – Feb 2021

Health Policy and Management, Industrial Informatics Design

- Committee member of KU-Makerspace, College of Engineering – Maintained cutting-edge hardware equipment and conducted student training sessions.
- President of the Association of Information Technology Society, Business School.

EXPERIENCES

Ergonomics Design Lab at Korea University Seoul, South Korea | Sep 2018 – Feb 2019

Undergraduate Reseracher

- Collaborated with LG Electronics to develop a wearable air-care mask.
- Led design efforts to ensure adaptability to diverse facial structures, optimizing comfort and air sealing.
- Conducted ergonomic assessments to enhance user experience.

Information Technology Society Korea University | Sep 2017 – Dec 2018

President

- Recruited 19 members and restructured its educational curriculum and operational system.
- Conducted case studies about IT-based companies and led industry-academic collaborations.

Republic of Korea Air Force Gyeonggi, South Korea | Oct 2013 – Nov 2015

Sergeant

- Managed information systems, ensuring operational efficiency and data security in a military environment.
- Won first place in a Design Idea Contest, receiving the Chief of Staff Award.

PATENTS

Patent No. 10-2024-0184527 South Korea | Dec 2024

- A system for analyzing sleep patterns and improving sleep quality through adaptive vibration and light stimulation, tailored to individual sleep stages.

Patent No. 10-2294958 South Korea | Aug 2021

- A device that quantifies postural metrics, predicts potential ailments, and provides personalized exercise recommendations based on data analysis.

Patent No. 10-2017211 South Korea | Aug 2019

- A system utilizing an array of FSR (Force-Sensing Resistor) sensors for detailed seated posture analysis, supported by an advanced algorithm.

AWARDS

LAB START-UP 2024 Ministry of Science and ICT | Feb 2024

- Developed a text-neck correction solution using a 9-axis gyro accelerometer.
- Won 1st place at KAIST and was selected as the university's representative team.

International Design Contest K-Design Award | Mar 2022

- Designed an IoT posture correction device with 32 pressure sensors.
- Ranked in the top 10% among 1,903 entries from 24 countries.

Global Digital Talent Program Alibaba Group | Nov 2021

- Represented Korea and placed in the Top 10 worldwide with Keeper, a digital healthcare SaaS platform.

Digital Open Innovation Contest Pfizer Group | Feb 2019

- Presented BackKeeper, an IoT healthcare device for posture correction.
- Won 1st place among 115 teams.

Creative Challenge Program Korea University | Feb 2019

- Researched and developed a mobile healthcare service for back pain relief.
- Awarded the Excellence Prize by the President of Korea University.