

Kyu-Hwan Shim

skh7343@cns.hs.kr • <https://underthelights.github.io> • LinkedIn

INTERESTS	Deep Learning, Natural Language Processing, Computer Vision, Mathematical Modeling, Statistics	
EDUCATION	Sogang University , Seoul, Korea	
	▪ B.S. in Computer Science	Mar 2019 – Presents
	Chungnam Science High School , Kongju, Chungnam, Korea	
	▪ H.S.D. in Informatics	Mar 2016 – Feb 2019
MILITARY DUTY	Yeongdong Firestation , Yeongdong, Chungbuk, Korea	
	▪ Korea Conscripted Firefighters Agency, Yeongdong Rescue & Firehouse	Aug 2020 – Apr 2022
AWARDS & SCHOLARSHIPS	Sogang Alumni Scholarship , Sogang University Alumni	
	▪ 1-semester full scholarship	2020
	Albatross Scholarship , Sogang University	
	▪ 1-year full scholarship for talent in SW Fields	2019
	KAIST Emeritus Professor , KAIST Professor	2018
	Myunghak Scholarship , Kongju Myunghak Scholarship	2017
CERTIFICATES	Samsung Dream Scholarship , Samsung Dream Scholarship Foundation	2016
	Certificate in Tensorflow Developers , Tensorflow Certificate Program	
	▪ Google Machine Learning BootCamp	Oct 2021 – Oct 2024
	Advanced Data Analytics Semi-Professional , Korea Data Agency	Apr 2021
	ITQ OA Master for Microsoft Powerpoint, Excel, Hancm Hangul	Oct 2011
ACTIVITIES	GTQ Lv2 for Adobe Photoshop	Oct 2011
	Co-Founder, Chief Design Officer, Programmer , OCONNECT	
	▪ Main Designer & Operating Officer	
	▪ Front-End Develop of OCONNECT	
	▪ Assist developing ONESTEP, an easy-insert socket	Feb 2021- Present
	Google Machine Learning BootCamp 2021 , Google Korea	
	▪ Coursera Deep Learning Specialization, Certificate in Tensorflow Developers	
LANGUAGES	▪ Kaggle Data Analysis Competition, Online Webina & Meetings	Sep 2021- Dec 2021
	Sogang ICPC Team , Sogang University	
	▪ Algorithm Problem Solving Group	Mar 2019 – Present
SKILLS	▪ Korean: Native language.	
	▪ English: TOEIC 815 (expired, 2019.07 2020.07.)	
	▪ Hanja : Lv-3 (Korea Association for the Promotion of Hanja Edu.)	
	▪ Machine Learning: PyTorch, TensorFlow / Web : HTML, CSS, Figma	
	▪ Programming Language:	
	• C/C++, Python (Intermediate) / MATLAB, Assembly Language, \LaTeX (Novice)	
	▪ Documents : Microsoft Powerpoint, Microsoft Excel, Hancm Hangul, Adobe Photoshop	

**WORK
EXPERIENCE**

OCONNECT (CEO Hyeong-Jun Bang), Ulsan, Korea

- Startup which makes Easy-Insert Socket, OneStep

Jun 2019 – Present

Contests

- **2021 PIN UP Concept Design Award, KAID**
 - BEST 100 in Living Goods Design Dec 2021
- **Busan-Ulsan-KyungPook Startup Day Innovation Startup League**
Samsung Electronics, Creative Economy & Innovation Center of KyungPook, Ulsan, Busan
 - Excellent Prize at Futures' League Dec 2021
- **Challenge K-Startup Expo : Collegiate Competition**
Ministry of SMEs and Startups, Korea Institute of Startup & Entrepreneurship Development
 - Top 10 with a chance of Offline Exhibition Oct 2021
 - Top 50, Offline Exhibition Aug 2019
- **Social Challenge alpha 7, OhMyCompany, BSS, LISCC**
 - Challenge Award, Crowd Funding (Funded 1,424k) Sep 2020 – Dec 2020
- **Ulsan Collegiate Startup Excellent Idea Contest**
Ulsan Creative Econ. & Innovation Center
 - Winner : Grand Prize Nov 2020
- **Institute of Science & Technology Startups Competition**
KAIST, GIST, DGIST, UNIST, POSTECH
 - Representative of UNIST (Top 2 at UNIST) Dec 2020
 - Representative of UNIST (Top 3 at UNIST) Nov 2019

Fundings & Support Program

- **Innopolis Campus for Ulsan Collegiate - Lv.2, UNIST, Innopolis**
 - INNO Innovation Top 6 Excellence Award Jun 2021 – Jan 2022
- **UEPA Startup Incubator 12-th, Ulsan Youth Startup Center** Mar 2021 – Dec 2021
- **SBC Youth Entrepreneurship Academy, Korea SMEs and Startups Agency**
 - Most Funded (100,000,000 Won)
 - Excellent Completion at Pre-School
 - Complete Pre-School Deep Course & Youth Startup Academy Nov 2020 – Nov 2021
- **UNIST UNICORN Start-Up Support Program, UNIST**
 - Funded (12,000,000 Won)
 - Participate for Four Semesters Sep 2019 – Feb 2021
- **KISED Pre-Startup Package (General),**
Korea Institute of Startup & Entrepreneurship Development
 - Most Funded (70,000,000 Won) Apr 2020– Dec 2020

Activities

- **Ulsan Knowledge-Technology Startup Center, Ulsan Technopark** Oct 2020
- **Patent IP Training Education, Korean Intellectual Property Office** Jun 2020 – Dec 2020
- **K-Camp Busan 1st Generation, Krypton** Nov 2019 – May 2020

Medias

- **UNIST 2021 Innopolis Performance Presentation, UNISTPress, UlsanDaily, ETNews** Feb 2022
- **UNIST UNISPARK for Young Entrepreneurs UNIST Magazine 2021 Winter** Dec 2021
- **UNIST Lab Startup Innovation Group held a Startup Competition for Southeast**
The Korea Economy TV Dec 2021
- **"New evolution of electrical outlets..." OneStep is released**
The Korea Economic Daily Dec 2021
- **"Make a 'National Outlet' which 'Connects' warmth to each other"**
UNIST Magazine 2021 Spring Feb 2021
- **"Start our businesses though COVID-19 comes".Leap forward with technology**
SBS, UBC Feb 2021

Patents

- **Patent Registration**
 - "Outlet for Easy Plug Insertion", H. J. Bang (2021)
- **Patent Application**
 - 1. "Outlet for Easy Plug Insertion", H. J. Bang (2020)
 - 2. "Outlet for Easy Plug Insertion", H. J. Bang (2020)
 - 3. "Outlet Configuration", H. J. Bang (2018)
 - 4. "Outlet for Easy Plug Insertion", H. J. Bang 2017)
 - Design Registration Application, H. J. Bang(2021)
- **International PCT Application**
 - "Outlet for Easy Plug Insertion", H. J. Bang (2021)
- **Trademark Application**
 - Logo Application [9], H. J. Bang, Korea Patent Trademark Application № 4020210152099 (2021)
 - Logo Application [35], H. J. Bang, Korea Patent Trademark Application № 4020210152100 (2021)
 - OneStep Application [9], H. J. Bang, Korea Patent Trademark Application № 4020210152101 (2021)
 - OneStep Application [35], H. J. Bang, Korea Patent Trademark Application № 4020210152102 (2021)
 - OCONNECT Application [9], H. J. Bang, Korea Patent Trademark Application № 4020210152099 (2021)
 - OCONNECT Application [35], H. J. Bang, Korea Patent Trademark Application № 4020210152100 (2021)