

Hyounk JANG, 장 혁

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Education

Seoul National University

Master of Science in Computer Science and Engineering, Sep. 2016 to Feb. 2020.

Thesis : A Mobile VR Motion Controller with 6 DoF positioning using Light Polarization

Advisor : Prof. Gunhee KIM

Committee: Prof. Byoung-Tak ZHANG, Prof. U KANG, Prof. Gunhee KIM

Korea University

B.Eng in Electrical Engineering, 2015.

Professional Experiences

Manager, SOCAR

R&D Division

May 2019 to Present

CEO & Co-founder, POLARIANT, inc.

공동창업자 및 대표이사, (주)폴라리언트

May 2015 to Present

acquired by SOCAR which is leading mobility platform holder in Korea in April, 2019.

2019년 4월 쏘카에 피인수

POLARIANT opens a new era of precise indoor positioning through a technology that polarizes an indoor light source to find the 3-dimensional location and posture of objects. The core technology uses a small polarizing filter to be attached to any indoor lighting(POLAR) and a small sensor 'ANT' that receives the angle and distance data from the sensed light. It enable to make self-driving AGV(Automated Guided Vehicles) in smart factory, smart parking system which includes optimal path navigation for cars.

President, NAEK YEHS(Young Engineers Honor Society)

회장, 한국공학한림원 차세대공학리더

Dec. 2015 to Dec. 2016

YEHS was founded by engineers from diverse universities to promote the exchange between the engineering students in various majors and to construct the long-term national scale network of engineers. It is sponsored by NAEK(National Academy fo Engineering KOREA). YEHS selects the members through the recommendation of the President of each university and the Dean of engineer-

ing college. Currently, students and graduates of a variety of Universities are involved. There are more than 1000 members from 30 universities.

Co-chair, Student Committee of WEEF&GEDC 2016, SEOUL

학생위원회 위원장, 2016 세계공학교육포럼 및 세계공과대학장협의회
2016

WEEF & GEDC 2016, Seoul is The World Engineering Education Forum & The Global Engineering Deans Council, 2016 Seoul. This Global forum was participated 41 countries 1,550 people (overseas participants 550). It was held Nov. 7 - Nov. 11 in COEX, Seoul

Awards

Best Full Paper Award - Runner Up

25th ACM Symposium on Virtual Reality Software and Technology, Nov. 2019

Talent of KOREA

대한민국 인재상
Dec. 2017

Grand Excellence Prize, 1st NAEK Next Generation Award

제 1회 한국공학한림원 차세대공학리더상 대상
Dec. 2016

The Excellence Award, Korea Computer Congress Paper Competition

우수상, 한국컴퓨터종합학술대회 학부생 논문경진대회
2014