Jinhyuk Yoon

Geekble
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I'm a science communicator and engineer developing methods for effective and easy communication of knowledge. My works such as talks for public speaking, making activities for elementary education, stage performances and video art which have been successfully delivering knowledge about science and technology to the children, student and public. With communication skills and experience in human-computer interaction, I aspire to develop a tangible interface and related activities which leverage immersive learning experience.

Professional Experience

Geekble   Mar 2019 – Present
Project Manager

Devising a new business model for commerce, education kit, and talk show linking YouTube videos.

POSTECH, Haptics and Virtual Reality Laboratory   Feb 2019 – Aug 2019
Undergraduate Research Assistant

Augmented physical buttons with vibrotactile feedback for programmable feels.

Samsung Electronics, Digital Appliances, Core Component R&D Lab   Jan 2019 – Feb 2019
Mechanical Design Intern

Simplified design process of creating an appliance and helped engineers to explain mechanical phenomena to other division members through Interactive Torque Designer which interprets dynamics with an uncomplicated graphic.

Sovoro   Jan 2018 – Apr 2018
Communications Manager

Improved educational circumstance of hearing impaired as allowing them to understand the contents of usual class or seminar through conducting UI/UX research and designing the real-time transcript software.

Korea Foundation for the Advancement of Science & Creativity   May 2016 – Jan 2018
Science Communicator

Succeeded effective understanding on the knowledge of mechanical engineering for elementary, middle school, high school students and adult through public speech and stage performance with participation of audience.

Leadership Experience

POSTECH, Department of Mechanical Engineering   Jan 2016 – Mar 2017
Student President

Directed departmental level of general meeting, student membership training, professor appreciation banquet, and the first inter-university association program with KAIST.

POSTECH, Student Election Committee   Sep 2016 – Nov 2016
Chairman

Organized the student election committee and run the election for central student president.

TEDxPOSTECH   Nov 2014 – Nov 2015
Director

Organized talk conference that closed after 50 seconds of regular application through team building, speaker and sponsor contact, stage planning and facilitating on the event.

Education

Bachelor of Science in Mechanical Engineering   2014 – Present
Pohang University of Science and Technology (POSTECH)

Candidate for Minor in Industrial Management Engineering.
Expect to graduate with Magna Cum Laude.

Awards and Honors

Commission Letter   2016
Minister of Ministry of Science & ICT commissioned me as a science communicator

Finalist   2016
Nationwide Top 11 of the 3rd FameLab Korea

Runners Up   2017
Artience Creation Challenge 30x30 hosted by British Council

Honorable Mention   2015
3 Minutes Science Speech Contest hosted by POSTECH

Student of the Year   2015, 2016
POSTECH, Department of Mechanical Engineering

The 4th Prize   2016
The 2nd POSTECH Hackathon

National Academic Excellence Scholarship   2016 – 2019
Korea Student Aid Foundation, Full-tuition

KT&G Foundation Scholarship   2016
POSTECH

Jigok Scholarship   2014 – 2016
POSTECH, Full-tuition

Selected Talks

Keynote Speech, "*About Experience*", **POSTECH Alumni Conference for Freshman**, Pohang   2018

Keynote Speech, *"Engineering and Science Communication"*, **The 5th Integrated Science Leading Teacher Training**, Yeongcheon   2016

Keynote Speech, *"About Science Communication"*, **National Youth Science Exploration Competition**, Gyeongju   2016

Talk, *"Regain the lost life"*, **Suseong-gu Gosan Library**, Daegu   2018

Talk, *"Regain the lost life"*, **KIST Science Station**, Seoul   2017

Talk, *"Space food"*, **The 13th Bohyeonsan Starlight Festival**, Yeongcheon   2016

Talk, *"Science, Engineering and Me"*, **Seongji High School**, Yongin   2017

Talk, *"Communicate with Science"*, **Mulgeum High School**, Yangsan   2017

Talk, *"Talk with Odd Engineering Student"*, **Samsung Girl's High School**, Busan   2017

Publications

To My Students, To My Teachers
Andrea Sohn and Jinhyuk Yoon, The Korea Fulbright Infusion, Vol 6, 2013, 39 – 41.

Skills and Tools

Programming Language
C, C++, JAVA, MATLAB, HTML, CSS, JavaScript

Graphic Design
Adobe Photoshop, Illustrator, Premiere, After Effects, InDesign

3D Design & Analysis
Solidworks, NX