

# Jinhyuk Yoon

## POSTECH, Haptics and Virtual Reality Laboratory

Rooms 011, Science Building 4, 77 Cheongam-Ro, Nam-Gu, Pohang, Gyeongbuk, Korea

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I am an interaction designer, engineer and science communicator building immersive and impressive experience. I love interacting with people and getting inspired through various projects such as research, performance, art work, and education. Through technological and humanistic point of view, I've been trying to create meaningful experience.

## Professional Experience

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### POSTECH, Haptics and Virtual Reality Laboratory

Research Intern

Feb 2019 – Present

Developing volume changing haptic device to provide various tactile experiences.

### Samsung Electronics, Digital Appliances Division, Core Component R&D Lab

Mechanical Design Intern

Jan 2019 – Feb 2019

Analyzed mechanical property of spring and damper hinge mounted in oven door. Deployed the analysis result on interactive data platform to simplify design process.

### Sovoro

Communications Manager

Jan 2018 – Apr 2018

Conducted UI/UX research and design of the service, catalog design, and market research. Engaged in business activity related with public institution, educational institution, and people with hearing loss.

### Korea Foundation for the Advancement of Science & Creativity

Science Communicator

May 2016 – Jan 2018

Gave talk, performed science street performance, and acted science play only for adults as a finalist of the FameLab Korea and science communicator commissioned by minister of Ministry of Science & ICT.

### Asan Medical Center, Biomedical Engineering Research Center

Research Intern

Aug 2017 – Sep 2017

Designed concept prototype of Ankle Rehabilitation Assistant which analyzes ankle torque and provides rehabilitative movement.

## Leadership Experience

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### POSTECH, Department of Mechanical Engineering

Student President

Jan 2016 – Mar 2017

Directed student membership training, professor appreciation banquet, association program with KAIST and founded basketball and badminton club.

### POSTECH, Student Election Committee

Chairman

Sep 2016 – Nov 2016

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

## TEDxPOSTECH

Director

Nov 2014 – Nov 2015

Organized TEDx event under the theme 'question' with 6 speakers. Regular application was fully booked in 50 seconds after opening. Conducted team building, speaker and sponsor contact, stage planning and host at the event.

## Education

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### Bachelor of Science in Mechanical Engineering

2014 – Present

Pohang University of Science and Technology (POSTECH)

Minor in Industrial management engineering. Expect to graduate with *Magna Cum Laude*

## Awards and Honors

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### Commission Letter

2016

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

### Finalist

2016

Nationwide Top 11 of the 3<sup>rd</sup> 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 4<sup>th</sup> Prize

2016

The 2<sup>nd</sup> POSTECH Hackathon

### National Academic Excellence Scholarship

2016 – Present

Korea Student Aid Foundation

### KT&G Foundation Scholarship

2016

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### Jigok Scholarship

2014 – 2016

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## Skills and Tools

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### Programming Language

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

### Graphic Design

Adobe Photoshop, Illustrator, Premiere, After Effects, InDesign

### 3D Design & Analysis

Solidworks, NX

## Selected Talks

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Keynote Speech, " <i>About Experience</i> " , <b>POSTECH Alumni Conference for Freshman</b> , Pohang	2018
Keynote Speech, " <i>Engineering and Science Communication</i> ", <b>The 5th Integrated Science Leading Teacher Training</b> , Yeongcheon	2016
Keynote Speech, " <i>About Science Communication</i> ", <b>National Youth Science Exploration Competition</b> , Gyeongju	2016
Talk, " <i>Regain the lost life</i> ", <b>Suseong-gu Gosan Library</b> , Daegu	2018
Talk, " <i>Regain the lost life</i> ", <b>KIST Science Station</b> , Seoul	2017
Talk, " <i>Space food</i> ", <b>The 13th Bohyeonsan Starlight Festival</b> , Yeongcheon	2016
Talk, " <i>Science, Engineering and Me</i> ", <b>Seongji Highschool</b> , Yongin	2017
Talk, " <i>Communicate with Science</i> ", <b>Mulgeum High School</b> , Yangsan	2017
Talk, " <i>Talk with Odd Engineering Student</i> ", <b>Samsung Girl's High School</b> , Busan	2017