

# Jinhyuk Yoon

## Geekble

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I'm a science communicator and engineer developing education contents through the use of my engineering background so people can physically participate and can learn scientific knowledge effectually. With deep interests in technology and education, I've been exploring the way of immersive learning experience from science communication to human-computer interaction. My contents for public speaking, elementary education, stage performance and video art have been successfully delivering knowledge about science and technology.

## Professional Experience

### Geekble

Mar 2019 – Present

Contents Development Manager

Developing experience-based activity contents about chemistry, physics and computer science for middle school students using making activity, science experiment, and YouTube video contents.

### POSTECH, Haptics and Virtual Reality Laboratory

Feb 2019 – Present

Undergraduate Research Assistant

Augmenting user's tactile perception on button pressing through actuating vibration.

### 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 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

|   |             |
|---|-------------|
| <b>The 4<sup>th</sup> Prize</b><br>The 2 <sup>nd</sup> POSTECH Hackathon                      | 2016        |
| <b>National Academic Excellence Scholarship</b><br>Korea Student Aid Foundation, Full-tuition | 2016 – 2019 |
| <b>KT&amp;G Foundation Scholarship</b><br>POSTECH   | 2016        |
| <b>Jigok Scholarship</b><br>POSTECH, Full-tuition   | 2014 – 2016 |

## **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 High School</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 |

## **Publications**

### **To My Students, To My Teachers**

Andrea Sohn and Jinhyuk Yoon, *The Korea Fulbright Infusion*, Vol 6, 2013, 39 – 41.

### **About Mechanical Engineering**

Jinhyuk Yoon, *POSTECHIAN*, Spring, 2016, 30 – 31.

### **TEDxPOSTECH Brightened by Passion**

Jinhyuk Yoon, *POSTECHIAN*, Winter, 2015, 34 – 35.

## **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