

# MINYOUNG KIM

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minyoung.mia.github.io

## RESEARCH INTERESTS

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Computer Graphics, 3D Geometric Modeling, Virtual and Augmented Reality, 3D Geometric Deep Learning

## EDUCATION

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### Ewha Womans University

M.S. in Computer Science and Engineering

Advisor: Prof. Young J. Kim

Seoul, South Korea

*Mar 2019 - Present*

### Keimyung University

B.E. in Game and Mobile Engineering (GPA: 4.04/4.5)

Daegu, South Korea

*Mar 2012 - Feb 2017*

## EXPERIENCE

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### Nova Mobile System

Junior Mobile Programmar Intern - "Nova Mobile App"

Carlsbad, CA, USA

*May 2017 - Apr 2018*

- Worked on Cross-Platform mobile application serving GPS service
- Developed custom renderer for particular mobile platform
- Implemented Xamarin application in C#

### Qualcomm Institute

Student Intern - "Health-Related IoT Tracking Project"

San Diego, CA, USA

*Jan 2016 - Feb 2016*

- Worked on web server and pages handled data transporting from Android to server
- Implemented web server using PHP and MySQL
- Implemented website using HTML, CSS, and JavaScript

### Prof. Sung LAB, Keimyung University

Undergraduate Researcher

Daegu, Korea

*Nov 2015 - Dec 2015*

- Worked on life support simulation program to instruct cardiopulmonary resuscitation
- Implemented under Unity 5, using Oculus-rift DK2

## PUBLICATIONS

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### International Conference

**Minyoung Kim**, Young J. Kim, "Haptic Interfaces for Tangible Digital Painting in VR", Pacific Graphics, Oct 2019 (extended abstract) *Poster*

### Domestic Journal

**Minyoung Kim**, Young J. Kim, "3D Surface Painting in VR using Force Feedback", Journal of the Korea Computer Graphics Society, 26(2), Jun 2020

[Project Page](#)

### Domestic Conference

**Minyoung Kim**, Young J. Kim, "Haptic Interfaces for Tangible Digital Painting in VR", Korea Computer Graphics Society, Jul 2019 (extended abstract) *Oral Presentation*

## HONORS & AWARDS

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[HO1] **Best Paper Award** The 2019 Korea Computer Graphics Society (KCGS)

## EXTRA-CIRRICULAR

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### Teaching Assistant

Computer Graphics, Ewha Womens University

Seoul, South Korea

*Fall 2020*

- Assisted Young.J Kim and responded to question from students

### WEST(Work, English Study, Travel) Program

Los Angeles, CA, USA

*Jan 2017 - Apr 2018*

- Participated an exchange program run by the Korean Ministry of Education
- Completed an internship program in Carlsbad, CA

## TECHNICAL SKILLS

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### Programming Languages

C, C++, C#, Python, JAVA

### Virtual Reality

Unity3D, Unreal Engine 4

### Other

Experience with OpenGL, Arduino, Xamarin