

## Education

### Master's of Science

Industrial Design  
KAIST

2015 - 2017  
Daejeon, South Korea

### Certificate of Completion

Korean Language  
Keimyung University

2014 - 2015  
Daegu, South Korea

### Bachelor's of Information Technology (Honours)

Game Development & Entrepreneurship  
University of Ontario Institute of Technology

2010 - 2014  
Oshawa, Ontario

## Work Experience

### Graduate Research Assistant

KAIST

2015 - 2017  
Daejeon, South Korea

Designed and developed an augmented reality game editor for the HoloLens and a collaborative augmented reality interior design application for Project Tango devices. Conducted formal and informal evaluations to determine the usability and user experience of both systems.

### Tools and Systems Programmer

Digital Leisure

2014  
Aurora, Ontario

Constructed a pipeline to streamline the development of 3D art assets for the Four Kings Casino and Slots, which is available on Steam and the PlayStation Store. Collaborated with the art and design teams to create the necessary in-game tools, plugins for Maya and Unity, and web reports for the pipeline.

### Undergraduate Research Assistant

University of Ontario Institute of Technology

2012 - 2014  
Oshawa, Ontario

Collaborated with surgeons at the SickKids Research Institute on the design of multiple medical simulations used to research the effectiveness of games as an education and research platform.

### International Research Assistant

Freie Universität Berlin

Summer 2013  
Berlin, Germany

Developed and debugged a Java-based research system that utilized the Esper event processing engine to process Twitter data. Additionally visualized the data in an interactive web application.

### Software Developer (Intern)

BeaconWall

Summer 2012  
Hong Kong

Took over the existing code base for MaXit Systems and led the development of a network and mobile module for the MFC desktop client. Demonstrated the product to the client to obtain usability feedback.

## Languages

English  
Cantonese  
Korean (TOPIK 5)

C++  
C#  
Java  
Processing  
HTML  
CSS  
JavaScript  
PHP  
SQL  
Python  
ActionScript 3.0

## Technology

Android  
Arduino  
Web  
Windows

Adobe Flash  
Adobe Illustrator  
Adobe Photoshop  
Adobe Premiere Pro  
Autodesk Maya  
Git  
Unity  
Microsoft Office  
Microsoft Visual Studio

HoloLens  
Oculus Rift  
Project Tango

## Interests

Video Games  
Game Design  
System Design  
Interaction Design  
User Experience  
Augmented Reality  
Virtual Reality  
Travelling