

## EDUCATION

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**Columbia University**, Fu Foundation School of Engineering and Applied Science  
*M. S. in Computer Science, Machine Learning Track*

New York, NY  
(Expected) Dec 2018

**KAIST**, School of Computing  
*B. S. Double Major in Computer Science and Technology Management, GPA 3.90/4.30*  
Summa Cum Laude | Dean's List | 1<sup>st</sup> out of 40 in Computer Science Department

Daejeon, KR  
Feb 2016

## TECHNICAL SKILLS

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**Programming Languages:** Java, C, C++, C#, Python, ActionScript, R, HTML, JavaScript, Matlab, SQL

**Tools and Technologies:** Android, Django, Linux, Vim, Git, SVN, Alienbrain, MySQL, PowerShell

## PROFESSIONAL EXPERIENCE

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**Munhwa Broadcasting Corporation (MBC)**

Seoul, KR

*Research Assistant*

Jun 2016 - Aug 2016

- Applied Kiswe Mobile's multi-channel live streaming technology to MBC touch App; developed with Android
- Conducted network tests on indoor/outdoor environment

**Kiswe Mobile**

Murray Hill, NJ

*Research Intern*

Jul 2015 - Aug 2015

- Came up with a new concept of "interactive experience sharing" while watching live video and developed a demo within the Kiswe's live video streaming app; built the demo app with Android

**Xeogen**

Seoul, KR

*Software Engineer*

Jan 2011 - Mar 2013

- Designed and developed and maintained a game called Vindictus which have 50 thousand of Max CCU at the time; developed client with C++ and server with C#
- Managed game service in China which was the biggest region among global services: US, EU, TW, KR

**Nexon**

Seoul, KR

*Backend Engineer Intern*

Jun 2009 - Jul 2009

- Built a GUI-DB managing tool for game operators; built with C#, SQL
- Conducted efficiency test between STL container and c++ custom container / Conducted Counter Strike game QA

## PROJECT EXPERIENCE

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**KAIST**

Daejeon, KR

*Project Machine Trainer*

Jan 2016 - Apr 2016

- Built an AI-based personal trainer consisting of a set of sensors attached to human body, pre-trained neural network and software for interaction. Built on Qualcomm Snapdragon with Matlab and C++, used MLP for neural network

**KAIST**

Daejeon, KR

*Project myDrives*

Jan 2013 - Jul 2013

- Managed mobile app development team consist of 3 mobile app developers for the service myDrives that integrates multiple cloud storage into a single interface
- Developed Android mobile app for the service; Initiated startup

## HONORS & AWARDS

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**Korean Government Scholarship**

(Expected) Aug 2017 - Dec 2018

*Awarded from National Institute for International Education (NIIED) to graduate students studying aboard (\$35,000 per year)*

**National Science and Engineering Scholarship**

Feb 2008 - Dec 2014

*Awarded from Korea Student Aid Foundation (KOSAF) to excellent students in natural science and engineering in Korea*

**Qualcomm Innovation Awards 2016 - Embedded System Awards**

Apr 2016

*Awarded from KAIST Qualcomm Innovation Award Committee for embedded systems implementation titled "Machine Trainer: Training Human with Trained Machine and Vice Versa"*