

Education

<ul style="list-style-type: none"> ▪ New York University - New York NY <ul style="list-style-type: none"> ◦ Master of Professional Studies 	Interactive Telecommunication Program (ITP) Interdisciplinary program on "recently-possible" technology Also worked as a physical computing shop staff	September 2015 – May 2017
<ul style="list-style-type: none"> ▪ George Washington University - Washington DC <ul style="list-style-type: none"> ◦ Bachelor of Arts – allied minor in business administration 	Applied Science and Technology (Tech + BIZ) Engineering management with engineering and business administration basics	September 2008 – May 2010
<ul style="list-style-type: none"> ▪ George Washington University - Washington DC <ul style="list-style-type: none"> ◦ Bachelor of Science 	Computer Engineering Completed 60 credits	September 2006 – May 2008

Teaching Experience

	Course	Level	Term
<ul style="list-style-type: none"> ▪ Hongik University - Seoul, Korea <ul style="list-style-type: none"> ◦ International Design School for Advanced Studies ◦ School of Design 	Intro to Computational Language, 7882187-1 Design Prototype to Mass Production, 411832-2	Graduates Undergraduates	Fall 2018 Fall 2018

Professional Experience

<ul style="list-style-type: none"> ▪ Hongik University - Seoul, Korea <ul style="list-style-type: none"> ◦ Launching a new Interdisciplinary, Smart Design Engineering Program for Fall 2018. ◦ Making a Master's Program(M.DES./ M.S.) based on the budget of 490k USD(approx). 	Research Professor	June 2018 – Present
<ul style="list-style-type: none"> ▪ TIDE Institute / TIDE-X Hardware Accelerator - Seoul, Korea <ul style="list-style-type: none"> ◦ Developed and implemented contracts(<i>Acceleration, Equipment, Education</i>) for the clients' and governments' needs and budget. <ul style="list-style-type: none"> - Clients : SK Telecom Prototype Lab, Center for Creative Economy and Innovation (CCEI), National IT Industry Promotion Agency(NIPA) ◦ Continuously consulted with startups in targeting strategy, market creation, sales and engineering. <ul style="list-style-type: none"> - Startups : Dot Inc, Pet Fit, Ino-on Inc, Deimos Defense Inc, ConsiderC ◦ Built a friendship with other well-known hardware accelerators in the World. <ul style="list-style-type: none"> - Hardware accelerators : HAX.co, Flextronics LAB IX, Berlin Hardware Co, Dragon Innovation, HWTrek, Highway1, Chinaccelerator ◦ Located and attracted mass manufacturers in Industrial Complexes. ◦ Dealt with the multiple interest groups: clients, government, startups, patent attorney, manufacturers, etc. 	Head of Engineering Management / Intern	September 2014 – December 2014
<ul style="list-style-type: none"> ▪ Republic of Korea Air Force / Administration Section - Korea <ul style="list-style-type: none"> ◦ Managed and framed fast-paced day to day rollercoaster-like project/need-based environment. ◦ Motivated and guided, 5 to 10 section members to innovate creatively to challenge the norms. ◦ Administrated 50+ senior rank pilots in daily, weekly, monthly, quarterly and yearly reports and project. ◦ Developed, deployed and delivered a winning strategy which later led to the 1st place of the assessment. ◦ Collaborated with other departments including United States Air Force to pursue common goals and needs. 	Chief / Human Resources & Administration Specialty / 1st Lieutenant*	January 2011 – December 2013 * Entry Rank : 2nd Lieutenant Separation Rank : 1st Lieutenant

Skills

OFFICE	WEB/SOCIAL	VR	MACHINE LEARNING	DIGITAL FABRICATION	VIDEO & DESIGN
MS Office (Excel, Word, Powerpoint), iWork(Keynote, Pages, Numbers)	Javascript, Node, Express, MongoDB(mLab), Socket.IO, HTML, CSS	Unity, C#, Leap Motion, Oculus	Python, NumPy	AutoCAD, Fusion360, 3D Printer, CNC Router, Laser Cutter, Arduino	Final Cut Pro, Illustrator, Photoshop

Award

<ul style="list-style-type: none"> ▪ New York University <ul style="list-style-type: none"> ◦ Red Burns Scholarship, Interactive Telecommunication Program 	Fall 2016, Spring 2017
<ul style="list-style-type: none"> ▪ George Washington University <ul style="list-style-type: none"> ◦ 1st Place in Accuracy ◦ 1st Place in Accuracy ◦ Dean's Commendation List ◦ Dean's List 	Robot Development and Demonstration Student Competition 2006 Autonomous Intelligent Robot and Elevator System Student Competition 2007 Spring 2008 Spring 2009, Spring 2010

Exhibition

<ul style="list-style-type: none"> ▪ VR 2 BIZ <ul style="list-style-type: none"> ◦ Timewave VR Lab Exhibition 2016 – 2017, Time Inc. Headquarters, New York, NY ◦ NYU ITP Winter Show 2016, New York, NY 	VR
<ul style="list-style-type: none"> ▪ Rhythm & Wind <ul style="list-style-type: none"> ◦ NYU ITP Winter Show 2015, New York, NY 	Installation Art