

HyeLee Kim

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EDUCATION

Seoul, Korea
Feb 18'

Sogang University, South Korea
Bachelor of Arts and Science in Art&Technology
Bachelor of Engineering in Convergence Software

Admission with Highest Distinction
Full tuition (granted for full semesters)

Relevant Courses : Web Studio, Computer Graphics, Interactive Storytelling, Mobile Studio, Operating Systems, Physical Computing, Data Structures, Database, Algorithms, Java, C Language, Digital Media Art Workshop, 3D Modelling & Texturing, Creative Performance, Art & Design

Hong Kong, China
Fall 16'

City University of Hong Kong
Academic Exchange in School of Creative Media

Relevant Courses : New Media & Contemporary Art, 2D Game Production, Visual Storytelling and Cultural Thinking, Art Criticism

Amsterdam, Netherlands
Fall 14'

Vrije Universiteit Amsterdam, Netherlands
Academic Exchange in Liberal Arts

Relevant Courses : Humans and Machines, Exhibition Machine, Film/Media History

RESEARCH INTERESTS

Human-Computer Interaction, Interaction Design, Creative Technologies, New Media Art

RESEARCH EXPERIENCE

Irvine, CA
June 17' - Aug 17'

Research Intern (UROP International Summer Undergraduate Research Fellowship)
University of California, Irvine, Center for Embedded Computer Systems
Mentor : Prof. Alex Nicolau, Ph.D Sajjad Taheri

- Participated in project "Creating Smart Embedded Systems" investigating Computer Vision in the context of IoTs to enable more dynamic interaction with the environment through analysis and extraction of meaningful data from images.
- Investigated JavaScript realization of OpenCV through designing and implementing sample demos, tuning performance for the requirements in real time multimedia processing scenarios

Seoul, Korea
May 15' - Dec 15'

Research Intern (Academic Corporate Collaborative Project)
LG Electronics & Sogang University
Mentor : Prof. YongSoon Choi

- Participated in two projects (1) Wrist device design which can be wrapped around wrist and used as a smartphone as unfolded (2) Head Mounted Device design considering the wearability and portability
- Consisted of concept design, UX survey, 3D modeling, and mockup production
- Collaborators : Doyu Kim, Jihyun Kim, Soomin Shin, Yeonsoo Shin

PROJECT EXPERIENCE

Seoul, Korea
Feb 17' - April 17'

Media Artist

Waag Society & MMCA (Museum of Modern and Contemporary Art, Korea)

BioHack Academy

- Participated in 'BioHack Academy' in building bio lab equipments using laser cutting, 3D printer, and Arduino implemented personal project with the theme "Artificial Ecosystem" with creative coding (Processing, P5, Javascript)

Manchester, UK
July 16' - Aug 16'

Media Artist

Studio for International Media & Technology, University of Salford, Manchester

International Workshop "Global Digital Cities" (Interactive Documentary)

- Participated international workshop to produce Interactive Documentary with Future Cinema concepts, using created web-based platform

Seoul, Korea
March 15' - Dec 15'

Creative Director

Dept. of Art & Technology, Sogang University

Art & Technology Conference 2015

- Directed new media art annual exhibition with thematic ('Monday Morning, the question started') and non-thematic exhibitions covering 23 curated artworks ranging in digital design, interactive art, game, media installation, sound art, hybrid art, virtual reality, performance
- Hosted subsidiary events: panel discussions (with curator, critic, artist, and students with the agenda "The necessity of communication in arts"), artist talk sessions, workshops('Making my own 3D Hologram') opened to public

Seoul, Korea
Jan 15' - March 15'

UI/UX designer

Startup Company, SoulLab Co.,Ltd.

"Never Goodbye", couple matching service

- worked as mobile UI /UX designer to design the graphic interface and wireframing
- Participated in the building algorithm based on questionnaire with 35 areas, 60 questions using MVM(Mate Value Matching) methodology, which earned Korean patent

Seoul, Korea
Sep13' - Dec 13'

Media Artist

Art & Technology Conference 2013 | Dept. of Art & Technology, Sogang University

"Breathe" (Creative Award)

- Interactive media installation with room size sculpture that brightens up and down according to the intensity of viewer's breathe, as if sculpture is breathing together
- Sculpture weaved with spatial cells made out of ballons and vinyl, and LED stripe reacts according to pressure sensor and Arudio programmed code.

AWARDS & HONORS

2013-2017

Sogang University Scholarship

Admission with Highest Distinction / Full Tuition (granted for full semesters)

2016

Samsung Convergence Software Course Scholarship

Merit-based Scholarship for SCSC program student

2016	Overseas Study Scholarship Sogang University
2013	Creative Award - "Breathe" (Interactive media art) Art&Technolgy Conference 2013, Sogang University

ACADEMIC PROJECT

Hong Kong, China July 16' - Dec 16'	Programmer / Designer School of Creative Media, City University of Hong Kong Indie Game "Strange Forest" <ul style="list-style-type: none"> Released 2D computer indie game "Strange Forest" with C++ and SDL library and planned, produced, programmed, and designed the game
Seoul, Korea Sept 15' - Dec 15'	UI/UX Desginer Dept. of Art & Technology, Sogang University Android Application "wSotry" <ul style="list-style-type: none"> Served as a planner and UI/UX designer in launching Android application "wStory"(currently not in service), an illustration subscription and update service for the mobile background screen and lock screen
Seoul, Korea March 14' - June 14'	Programmer Dept. of Art & Technology, Sogang University Academic Project "PetPlant" <ul style="list-style-type: none"> IoT product using Arduino, Zigbee and sensors(pressure, ligh), provides interactions with plant through petting and alarms users about plant's condition
Seoul, Korea March 14' - June 14'	Manager, Artist Dept. of Art & Technology, Sogang University Peformance "Space of Living Memories" <ul style="list-style-type: none"> Served as a manager of the Creative Performance & Visual Composition "Space of Living Memories (2014)" (MaryHall, Sogang University, 2014/06/11) based on music works by Alvin Lucier, Bruce Naumaan, John Cage, Lamont Young with max/msp/jitter
Seoul, Korea March 13' - June 13	Manager, Artist Dept. of Art & Technology, Sogang University Experimental Performance "Freud - Trauma" <ul style="list-style-type: none"> Served as a manager of the experimental performance "Freud - Trauma (2013)" (MaryHall, Sogang University, 2013/06/21) based on the reinterpretation of the Korean Novel "the Door of the Morning" (written by Park Min Kyu) in the psycho-analysis context

SKILLS & TOOLBOX

Programming	JavaScript, html / css, C, C++, Java, Oracle DB, Git
UX	Wire Framing, User Research, Usability Testing
Technical Art	Processing, P5.js, Maya, Max 2D, VVVV, Max/msp/jitter
Design / Prototyping	Design Thinking, Rapid Prototyping, Photoshop, InDesign, Premiere Pro

LANGUAGE

Korean	Native
English	Fluent
Spanish	Basic

VOLUNTEERING ACTIVITY

Bohol, Philippines Feb 16'	Teacher, Curriculum Designer Bagacay Elementary School <ul style="list-style-type: none">Designed a month-long program of arts, music, sanitary education, and physical activitiesTaught kindergarten to 6th graders on daily basis as part of the program Joy of Sharing Foundation
Seoul, Korea March 14' - Dec 15'	Volunteer Sogang Lightbulb Volunteering Club <ul style="list-style-type: none">Visited community house of mentally challenged people for the hobby and art activities every two weeks.Volunteering club sponsored as part of LH social contribution program (Korean Land&Housing Corporation)
Seoul, Korea Jan 13'	VIP guest escort and interpreter Special Olympics <ul style="list-style-type: none">Volunteered as VIP guest escort, interpreter, and person in charge of protocol with former president of Bulgaria, Petar Stoyanov during Olympics period