

# Seunggyun Han

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Seunggyun Han is a researcher who is interested in new ways of understanding urban change and problems. He is a graduate student of department of convergence engineering for future city in Sungkyunkwan University.

He believes that artificial intelligence and data visualization tool can be a new kind of microscope for understanding contemporary urban environment.

## Education

### MSE, Convergence Engineering for Future City

Sungkyunkwan University, Suwon

2017 ~ Current(Expected in Feb.2018)

### Bachelor of Architecture

Sungkyunkwan University, Suwon, 2010 ~ 2017

### Online Courses :

#### Nanodegrees(Udacity)

Computer Vision(2018)

AI Programming(2018)

Deep Learning(2018)

Data Foundation(2017)

Front-End Web Developer(2017)

#### Edx Certification(Microsoft)

DEV290x : Computer Vision and Image Analysis(2018.10)

## Awards

### Excellent Research Award

12th International Symposium on Architectural Interchanges in Asia, 2018

### Bronze Award

Gyeonggi Architecture Culture Festival, 2016

### Design Excellence Award

Graduation works, Sungkyunkwan Univeristy, 2016

### Recognition Award

Urban Design Institute of Korea, 2016

### Design Recognition Award

10th East Asia Urban Architecture Joint Studio, 2015

### Excellence Award

GS Caltex Idea Competition, 2013

## Skills

### Programming

Python(Commonly use), HTML / CSS / JS

### Tools

Adobe Photoshop / Illustrator / Indesign

Autodesk CAD / Revit

### Language

Korean : Native

English : Fluent(IELTS : 7.0)

## Work Experience

### Researcher, Smart Green City LAB

Sungkyunkwan University, Suwon

2016 ~ Current

### Staff Sergeant, Republic of Korea Air Force

Education & Training Command, Jinju

2011 ~ 2013

## Projects

### Case Studies for Seoul Smart Urban Regeneration (2018.07 ~ 10)

- Analzing smart city and urban regeneration policies in Korea.
- Comparing domestic and foreign smart city projects.

### Incheon Airport Terminal 2 Concept Plan (2018.01 ~ 06)

- Establishing themes and scenarios of specific places based on previous concept plan.
- Making design guidelines according to themes and scenarios of places in Airport.

### Concept Plan for Jeju New Airport Town(2017.03 ~ 07)

- Analyzing airport and airport-city projects.
- Establishing vision for Jeju smart airport town projects.

### Concept Plan for Jamsil Olympic Trade Park (2017.01 ~ 06)

- Analyzing foreign convention district plannings.
- Design Assist in establishing master plan.
- Editting and Translating report.

### Smart City(U-city) District Unit Plan Design Guideline (2016.06 ~ 17.02)

- Analyzing amendments of law about smart cities(ACT ON THE CONSTRUCTION, ETC. OF UBIQUITOUS CITIES).
- Analyzing existing district unit plannings in Korea.
- Analyzing design guidelines for urban facilities in Korea.

## Conferences

### A study on plan generation deep learning model using DCGANs

12th International Symposium on Architectural Interchanges in Asia, 2018.10

### A Study on the Concept Strategy of Urban Regeneration with Airport Planning

Autumn Concerence Urban Design Insitute of Korea, 2017.11