

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)

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 : Proficient(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

Research on Case Studies for Seoul Smart Urban Regeneration (Jul 2018 ~ Oct 2018)

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

Incheon International Airport Terminal 2 Concept Plan (Jul 2018 ~ Oct 2018)

- 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 (Mar 2017 ~ Jul 2017)

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

Concept Plan for Jamsil Olympic Trade Park (Jan 2017 ~ Jun 2017)

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

Smart City(U-city) District Unit Plan Design Guideline (Jun 2016 ~ Feb 2017)

- 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.

Publications

A study on plan generation deep learning model using DCGANs

12th International Symposium on Architectural Interchanges in Asia, Oct 2018

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

Autumn Concerence Urban Design Insitute of Korea, Nov 2017