

Henry Yoon

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Education

Carnegie Mellon University
College of Fine Arts
School of Architecture
Bachelor of Architecture 2013-19

Environmental & Climate Studies
History of Sustainable Architecture
Real Estate
Issues and Ethics of Architecture
GIS data mapping

Bronx High School of Science
Applied Science
Architectural Drafting

Skills

Language

Conversational Korean

Computer

Rhinoceros 3D
Vray
AutoCAD 2D
Revit
Photoshop
Illustrator
Indesign
Word
Excel
Powerpoint

Hand

Model Making
Drafting
Perspective Drawing

Digital

Rendering
Laser Cutting
3D Printing

Short-Term Career Goals

The framework is primarily focused around sustainable architecture and affordable housing. Career aspirations include the proposal of a new building typology that combines sustainability with affordability. Governmental policies are also explored accordingly as they are involved with affordable housing for the poor.

Experience

Summer 2015

Intern for Lee Engineering Co.

Collaborative work for redesigning neighborhood homes, including documenting and sketching pre-existing floor plans and elevations, and assisted in filling out relevant engineering and plumbing forms to renovation prepositions.

Summer 2016

Volunteer for Habitat for Humanity

Assisted in constructing housing for the less fortunate on numerous sites around the Queens area, and took part in various types of work including home construction and landscaping.

Spring 2014

Asian Student Association - Booth Design Chair

**1st place in booth of Organization division.
Took part in the design process behind the interior design and overall structure of the booth. In addition to sharing opinions and ideas, there were structural concepts and construction methods that were learned and applied.

Relevant Projects

Fall 2017

Housing Archipelago

The building design's orientation uses passive solar strategies as the primary driver behind the massing of the building, where the sun path lines up with the prevailing wind direction of New York City, thus letting in both natural sunlight and natural ventilation with the addition of windows on the east and/or west facade.

Spring 2016

Saco Lake Wellness Center

Located in Saco Lake, New Hampshire, the structure makes use of numerous vertical wooden sections, programmatic spaces were carved out of these sections, along with the usage of thermodynamics to maintain the temperature of filtered lake water to serve as the saunas for the center.

Fall 2015

Urban Agricultural Center

Designed for the Larimer neighborhood in an attempt to bring together and revitalize the community whilst teaching the values of regrowth and knowledge of agriculture.

Hoop House

Both designed and built a temporary greenhouse for the Larimer Community Garden in collaboration with Delaney Lam, Nickie Cheung, Anthony Nitché, Katelyn Smith, and Yoon Ho Oh.