

DONGYUN KIM

646.745.0231 | time2605@naver.com
241 Taaffe Pl, Brooklyn, NY, 11205

EDUCATION

08. 2018 - **University of Pennsylvania**
12. 2019 - Master of Science in Design, Advanced Architectural Design (Post-professional degree), United States
- Grantee of Korean Government Scholarship for Study Overseas
03. 2009 - **Hongik University**
02. 2017 - Bachelor of Architecture, Republic of Korea

WORK EXPERIENCE

06. 2019 - **Skidmore, Owings & Merrill LLP, Chicago**
08. 2019 Intern
(3 mos) - KAFD-X, King Abdullah financial district (Competition)
Commercial complex, tower facade and interior modeling with Grasshopper, Construction diagram
- Boston seaport L6 (Concept design)
Diagram, Facade variation study, Rendering
04. 2018 - **Design Engineering & Robotics in Ajou University**
07. 2018 Graduate Researcher
(4 mos) - Researched pneumatic origami building envelope and joints using soft robotics and smart material (SCIE publication, Patent)
08. 2014 - **Urban Intensity Architects**
03. 2015 Intern
(8 mos) - Horse racing theme park competition / Winner
Modeling, rendering, diagram
- Choongnam veterans park competition / 2nd Prize
Modeling, rendering, computational simulation, diagram
- Philippine disaster response shelter / Constructed
Modeling, drawing, rendering, photoshop retouching, structure simulation, poster design
01. 2014 - **Evolutionary United Network of Architecture**
02. 2014 Intern
(2 mos) - Hyundai car exhibition proposal
Modeling, detail design
- Art of space
Architectural philosophy discussion

HONORS & AWARDS

08. 2018 - **Korean Government Scholarship for Study Overseas**
12. 2019 - Full semester
09. 2019 **Korea Design Exhibition Award**
- Winner
11. 2018 **Talent Award of Korea**
- Commendation from deputy prime minister
11. 2018 **Korea Design Exhibition Award**
- Gold prize
11. 2018 **Korea Design Exhibition Award**
- Finalist
11. 2018 **Korea Design Exhibition Award**
- Finalist
10. 2014 **Digital Architecture Competition**
- 3rd prize
05. 2013 **Gwangju Art Competition, Part of Architecture**
- Honorable mention
04. 2013 **Digital Architecture Competition**
- Special prize
03. 2009 - **Hongik Scholarship**
02. 2017 - Merit-based scholarship, covered 9 of 10 semesters

ACTIVITIES AND EXTRACURRICULAR

01. 2020 - **University of Pennsylvania**
Presect Teaching assistant
- Class: Material formations
09. 2019 - **University of Pennsylvania**
11. 2019 Research assistant
- Polyhedral structures laboratory directed by Masoud Akbarzadeh
08. 2019 **University of Pennsylvania**
Teaching assistant
- Class: ARCH Intensive digital methods
07. 2018 **AA Summer Visiting School in Seoul**
Teaching assistant
- Gave tutorials to the students on designated software
- Assisted in teaching the designated software to students on the course
- Helped developing students' design with technical support
07. 2018 **Ladybug Tools Seoul Workshop**
Certificate
- Ladybug and honeybee daylight modeling in grasshopper
- Energy modeling with honeybee in grasshopper
- Thermal comfort modeling with honeybee in grasshopper
- Automated iterative modeling and simulation in grasshopper
07. 2015 **AA Summer Visiting School in Shanghai**
Certificate
Theme : Customized city directed by Tom Verebcs
01. 2015 **AA Summer Visiting School in Seoul**
Certificate
Theme : Social algorithm directed by Joeeun Sung and Soomeen Hahm
08. 2014 **Bio-Digital City: Tomorrow's Seoul Project**
Certificate
- Designed urban agriculture architecture as a eco-friendly future city environment that modern society is aiming at.
04. 2014, **Hongik University School of Architecture Tool Lecture**
03. 2013 - Tutor
09. 2013 - Taught rhino and auto cad to students
- 01-02. 2012 **Freeform Architecture Workshop (Basic, Advanced)**
07-08. 2011 Certificate
- Designed diagonal, segment and freeform building with detail
- Made physical detail mock-up
01. 2012 - **Freeform Architecture Design Workshop**
02. 2012 Teaching assistant
- Gave tutorials to the students on designated software
- Assisted in teaching the designated software to students on the course
- Helped developing students' design with technical support

PUBLICATION & EXHIBITION

- Design Patent issued May 27, 2019 | kr 30-2019-0024950
"3D-printed Detachable Kinetic Building Shading Device with Dual Actuation: Use of shape-memory alloy (SMA) and remote control"
-
- H. Yi, **D. Kim**, Y. Kim, J. Koh, D. Kim and M. Kim. 3D-printed attachable kinetic shading device with dual actuation: Use of shape-memory alloy (SMA) for responsive sustainable architecture. Automation in Construction (IF 4.3)
-
- Shanghai Ten Folio "Topological Facade"
The Bio-Digital City: Art Architecture "Seed Terminal"
SPACE No.568, New Form of Architecture Aid in Disaster Relief
-
- Rhino / Grasshopper / T-spline / 3D max / Maya / Z-brush / Sketch up / Auto cad / V-ray / Mental ray / Key shot / Lumion / Enscape / Premiere / After effect / Photoshop / Illustrator / Indesign / Python / Processing / Ms office / CNC / Laser cut / 3D print / Craft / English(Advanced) / Korean(Native)