

Eddy Man Kim

eddymankim@cmu.edu

Margaret Morrison Carnegie Hall 310A
Carnegie Mellon University
Pittsburgh, PA 15213

+1 412 268 6425

SUMMARY

Designer, researcher, educator, and technologist in architecture, web, graphic, brand, and UI/UX design.

Currently maintains following positions at Carnegie Mellon University School of Architecture:

- Assistant Teaching Professor
- PhD Student in Computational Design
- Co-director of the [Code Lab](#)
- Track Chair of the [Emerging Media Program](#)

EDUCATION

2015 - 2020

Doctor of Philosophy in Computational Design (PhD-CD)

Carnegie Mellon University, School of Architecture, Pittsburgh, PA, USA

Research Area: *Web-based Interfaces for Real-time Design Collaboration*

2010 - 2012

Master in Design Studies (MDesS), Concentration in Design Computation

Harvard University, Graduate School of Design, Cambridge, MA, USA

Thesis: *Sandbox3D alpha: Web App Development for Real-time Social Design Collaboration*

2004 - 2009

Bachelor of Architecture (BArch)

Cornell University, College of Architecture, Art, and Planning, Ithaca, NY, USA

Thesis: *metaCAVE v.2: Prefabricated Prototype Pavilion*

2008 Summer

McGill University, Montreal, Canada

2008 Spring

Cornell in Rome, Rome, Italy

2000 - 2004

Deerfield Academy, Deerfield, MA, USA

AWARDS & FELLOWSHIPS

2014

George N. Pauly, Jr. Fellowship, Carnegie Mellon University, School of Architecture

Teaching fellowship for the 2014 / 2015 academic year

2013

Best-Of-Year Award, Interior Design magazine

Awarded for openUU warehouse conversion project, *AL-wch* (Honoree)

2012

Digital Design Award, Harvard University, Graduate School of Design

Awarded for Master's thesis project, *Sandbox3D alpha: Web App Development for Real-time Social Design Collaboration*

2012

International Design Awards

Awarded for openUU project, *Osage Open* (Silver Winner)

2012

IAI Awards

Awarded for openUU project, *platform (1x2)* (Shortlisted)

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2012

Best-Of-Year Award, Interior Design magazine

Awarded for openUU projects, *Osage Open* (Winner) and *CIS*(Honoree)

2012

40-under-40 Award, Perspective Global magazine

openUU recognized for young design talent (Winner)

2011

Best-Of-Year Award, Interior Design magazine

Awarded for openUU project, *platform (1x2)* (Winner)

2011

Best-Of-Year Award, Interior Design magazine

Awarded for openUU project, *modelScape* (Winner)

2011

The American Institute of Architects, Hong Kong Chapter

Awarded for openUU project, *modelScape* (Honor Award for Architecture)

2011

Asia Pacific Interior Design Award (APIDA)

Awarded for openUU project, *modelScape* (Silver Award)

2004

Donald Greene Award, Deerfield Academy

Commencement award for outstanding work in journalism

TEACHING

2016 Spring

Carnegie Mellon University, School of Architecture, Pittsburgh, PA, USA

Design Studio Instructor: 48205: Elaboration 2 (Second Year Undergraduate Architecture Design Studio)

Course Instructor: 48125: Introduction to Digital Media 2 (First Year Undergraduate Architecture Core Course)

2015 Fall

Carnegie Mellon University, School of Architecture, Pittsburgh, PA, USA

Design Studio Instructor: 48300: Environment, Form & Feedback: Modular Eco-morphologies (Third Year Undergraduate Architecture Design Studio)

Course Instructor: 48105: Introduction to Digital Media 1 (First Year Undergraduate Architecture Core Course)

2015 Spring

Carnegie Mellon University, School of Architecture, Pittsburgh, PA, USA

Design Studio Instructor: 48410: Liminal Interventions: Hybrid Interface Design Build Studio (Advanced Architecture Design Studio) [Course website](#).

Course Instructor: 48548: Design Communication: Design Interface Research Workshop / Seminar. [Course website](#).

2014 Fall

Carnegie Mellon University, School of Architecture, Pittsburgh, PA, USA

Design Studio Instructor: 48300: Environment, Form & Feedback: Modular Eco-morphologies (Third Year Undergraduate Architecture Design Studio)

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2013 Fall

The University of Hong Kong, Faculty of Architecture, Pokfulam, Hong Kong

Design Studio Instructor: ARCH5001: Urban Spine Parasite (Second Year Graduate Architecture Design Studio)

2012 Summer

Hong Kong Interior Design Association, Chaiwan, Hong Kong

Workshop Instructor: Instructed visiting students from Hong Kong, Japan, and South Korea in a week-long design workshop, as part of the event, "East Gathering."

2011 Fall

Harvard University, Graduate School of Design, Cambridge, MA, USA

Teaching Assistant: Assisted professor Panagiotis Michalatos in technical workshops for the graduate-level course, "Computational Design [Numerical Descriptions]."

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DESIGN
PRACTICE

2009 - 2014

openUU Ltd. Design Research Consultancy, Aberdeen, Hong Kong
Co-Founder / Technical Director

openUU is an award-winning design research agency that focuses on Space Conversions and Design Collaborations. We design and create with an approach of playful pragmatism. We are interested in creating supernatural moments by re-searching and re-arranging normal, everyday notions. We create to engage with people, and engage with people to create. openUU's wide-ranged clientele includes: Swire Properties Management, Nike 360 Holding B.V., Osage Gallery & Art Foundation, Hong Kong Tourism Board, Hong Kong Arts Centre, West Kowloon Cultural District Authority, Hsin Chong Construction Group, School of Creative Media, City University of Hong Kong.

www.openUU.com

Projects by openUU:

15,000 sf penthouse office, spa, and lounge renovation for private client
accACC: office renovation for **Asian Cultural Council**
AL-wch: warehouse art space for private client
APC: concept retail store design for **Andes Premium Catch**
Art | Flat: pop-up art shop at ART HK fair for **Para Site art space**
Artist Home Base: brand consulting for **Hong Kong Arts Centre's** artist-in-residence program
Cinema 2.0 ifva: exhibit design for **Hong Kong Arts Centre**
CIS: cafeteria renovation for **Chinese International School**
Cityplaza: 50,000 sf mall renovation for **Swire Properties Management**
FoFo: private kitchen and roof lounge design
Freespace: event venue design and management for **West Kowloon Cultural District Authority**
HKTB LA: installation for **Hong Kong Tourism Board**
La Viva Suites: hotel interior design for **Hsin Chong Construction Group**
modelScape: display platform prototype for **Times Properties**
Nike Conference: corporate office renovation for **Nike 360 Holding B.V.**
Osage Open: 10,000 sf warehouse art space for **Osage Gallery & Art Foundation**
platform (1x2): warehouse space conversion for private client
Para Site: facade and gallery renovation for **Para Site art space**
SCM7/K11: exhibit design for **City University of Hong Kong**
villageTerrace: kitchen conversion for private client
zzt: parametric design consultation for stadium shell

2011 Summer

Robert A.M. Stern Architects, LLP, New York, NY, USA
Architectural Design Intern

2009 - 2010

Epiphyte-Lab, LLC Architectural Design and Research Collaborative, Ithaca, NY, USA
Project Designer

2006 Summer

POS-A.C. (POSCO Architects & Consultants), Seoul, Korea
Architectural Design Intern

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SOFTWARE DEVELOPMENTS

2011 - 2012

Sandbox3D alpha, Harvard University, Graduate School of Design
Web app development for real-time social design collaboration; Master's thesis project
Written in HTML, JavaScript, WebGL

2011 Spring

Symbiote alpha, Harvard University, Graduate School of Design
Prototype 3D software that experiments with implicit-surface-modeling techniques; final project for
computational design research seminar
Written in C++, OpenGL

2010 Fall

Panda, Harvard University, Graduate School of Design
Prototype 3D software for visualizing and designing a thermal wall installation; final project for computational
design research seminar
Written in C++, OpenGL

INSTALLATIONS & EXHIBITIONS

2012 Winter

urbanUPLIFT, Hong Kong & Shenzhen Bi-City Biennale of Urbanism / Architecture
Public pavilion / installation
Kowloon Park, Hong Kong

2011 Spring

Projection One, Harvard University, Graduate School of Design
Multisensory interactive media installation; written in C#
Cambridge, MA, USA

2009 Winter

farmScape, Hong Kong & Shenzhen Bi-City Biennale of Urbanism / Architecture
Public pavilion / installation
West Kowloon, Hong Kong

2009 Spring

metaCAVE v.2, Cornell University, College of Architecture, Art and Planning
Prefabricated prototype pavilion
Ithaca, NY, USA

PUBLICATIONS & PRESS

2014 December

hinge Vol. 230
Feature on openUU Project: *Nike Conference*

2014 March

Cornerstone
Feature on openUU project: *Cityplaza*

2014 March

South China Morning Post
Feature on openUU project: *platform (1x2)*

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2013 December

indesignlive.HK

Feature on openUU: *"openUU Opens Doors to Collaboration"*

2013 June

d+a issue 74

Feature on openUU: *"Youthful Ambitions: openUU"*

2013 May

Association Vol. 5 by Cornell AAP

Feature on openUU project: *urbanUPLIFT*

2013 February

South China Morning Post's PostMagazine

Feature on openUU: *"Design File: openUU"*

2013 January

Perspective Magazine

Feature on openUU project: *farmScape*

2012 December

Sofa Magazine

Feature on openUU: *"1 Room 3 Ways"*

2012 November

Perspective Magazine

Feature on openUU: *"Asia's Rising Talent: openUU"*

2012 November

South China Morning Post

Feature on openUU project: *Artist Home Base*

2012 May

Wall Street Journal

Feature on openUU: *"To Doze, Design in Hong Kong"*

2012 May

Perspective Magazine

Feature on award recipient openUU: *"2012 40-Under-40"*

2012 May

CNN Go

Feature on openUU project: *Art | Flat*

2012 March

South China Morning Post's PostMagazine

Feature on openUU project: *platform (1x2)*

2012 March

hinge Vol. 199

Feature on openUU project: *platform (1x2)*

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2011 December

Interior Design No. 15

Feature on award recipient openUU: *"Best of Year Award"*

2011 September

A View on Harvard GSD Vol. 3

Feature on openUU project: *platform (1x2)*

2011 September

Interior Design China

Feature on openUU project: *modelScape*

2011 August

Interior Design No. 10

Feature on openUU project: *platform (1x2)*

2011 January

hinge Vol. 197

Feature on openUU project: *platform(1x2)*

2010 August

Interior Architecture of China

Feature on openUU project: *farmScape*

2010 January

Urban Art Projects

Feature on openUU project: *farmScape*

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DIGITAL SKILLS

Programming: C++, C#, CSS, HTML, JavaScript, OpenGL, Processing (Java), WebGL
2D & 3D: Adobe Illustrator, Adobe Indesign, Adobe Photoshop, AutoCAD, CATIA, Digital Project, Generative Components, Grasshopper, Lamina, Maya, Revit, Rhinoceros, Sketchup, 3DS max
Rendering & Analysis: Design Builder, Ecotect, Maxwell, Radiance, Vray
Fabrication: 125W & 5000W Laser Cutter, 3-Axis CNC Router, 3D Printer (ABS, FDM, Zcorp), Mastercam, Robotic Waterjet, Robotic 6-Axis Mill
Management: Adobe Acrobat Pro, Microsoft Office

LANGUAGES & LOCALE

Fluent in **English** and **Korean**; conversational **Mandarin**
Traveled to China · Fiji · France · Germany · Italy · Japan · Singapore · Switzerland · Taiwan · Thailand
United Arab Emirates · United Kingdom
Lived in Canada · Chile · Hong Kong · South Korea · USA

REFERENCES

Dana Čupková
Assistant Professor, Lucian & Rita Caste Chair
Carnegie Mellon University, School of Architecture
danacupkova@gmail.com

Peter de Bretteville
Visiting Critic
Yale School of Architecture
pdebarc5@gmail.com

Panagiotis Michalatos
Assistant Professor in Architectural Technology
Harvard University, Graduate School of Design
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Andrew Payne
Partner
LIFT Architects, LLC
andyopayne@gmail.com