

Yu, Jiake

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EDUCATIONAL EXPERIENCE

Master of City and Regional Planning (Public and Private Development Concentration) Real Estate and Design Development Certificate

Sep 2020 – May 2022, Philadelphia, USA

Stuart Weitzman School of Design & The Wharton School | University of Pennsylvania

GPA: 3.96/4.00 (In Progress)

Organization: Real Estate Club, Housing Initiative at Penn, Urban China Collective

Program: Real Estate and Design Development, Zell/Lurie Career Mentor Program

Master of Architecture, Bachelor of Arts (Architecture) with Honours School of Design and Environment | National University of Singapore

Aug 2015 – May 2020, Singapore

GPA: 3.77/4.00 | 3.32/4.00

Organization: Prince George Park House Committee

Awards: Grand Prize in Singapore 7th International 3D Printing Competition

GCE A-Level Diploma | Hwa Chong Junior College

Jan 2013 – Dec 2014, Singapore

Distinctions in Physics, Math, China Studies in Chinese, and Project Work

Activities and Organisations: Voluntary Teacher and Team Leader in Overseas Community Involvement Programme; Chinese Drama Actor and Director in Chinese Society Association; Publicity Director in Boarding School Council

Awards: Ministry of Education Scholarship

PROFESSIONAL EXPERIENCE

Research Assistant | Housing Initiative at Penn, Philadelphia, United States

Nov 2021 – Present

California Rental Relief Program

- Managed and analyzed data to support a study of the national emergency rental assistance program

Architectural Intern | KPF Architects, New York, United States

May – August 2021

Agile Zhongshan Supertall Tower (Focused on 460m residential tower)

- Designed conceptual tower massing and wall type options
- Developed parametric tools for design exploration and model production
- Analyzed façade performance in relating to various residential/hotel unit layouts

Architectural Intern | Gensler Architects, Shanghai, China

May – July 2019

Min Sheng Bank Beijing Headquarter (Focused on mixed-use office tower)

- Designed building façade, service core, vertical transportation, typical floor plan, and underground parking layout;
- Explored, analyzed and improved atrium design by applying VR technology, environmental simulation and parametric modeling;

Architectural Intern | HKS Architects, Singapore

May – July 2018

Macau Central Library (Focused on preservation and adaptation of a heritage building)

- Mapped site context, explored Macau culture and brainstormed design concept
- Programmed parametric model to quickly generate smart façade pattern

Cebu Casino Resort (Focused on the landscape design of a tourist resort complex)

- Designed the landscape, façade, and tower crowns of the Casino Complex
- Interpreted and storyboarded the concepts behind the design process

Gleneagles Shanghai Hospital (Focused on tender preparation of a medical complex)

- Gained knowledge of medical facility design
- Accelerated tender drawing preparation by using Revit Dynamo, C#

SKILLS

Programming: Python, R Code, C#

Software: AutoCAD, ArchiCAD, Revit (Dynamo), Rhino (Grasshopper), Sketchup, ArcGIS, Adobe Suite, Microsoft Suite

Languages: Fluent in written and spoken English and Mandarin