

EDUCATION

2016-2021 | Cornell University, College of Architecture, Art, and Planning

Bachelor of Architecture; cumulative GPA 3.818/4.

2017-2021 | Cornell University, College of Arts and Sciences

Computer Science Minor.

Summer 2017 | Cornell in Rome

Imagining Rome: Art Studio and Creative Writing Workshops in Italy; four-week, 6-credit.

Summer 2015 | Cornell University Summer School for High School Students

Introduction to Architecture; 6-credit.

2013-2016 | Beijing No.4 High School

Daoyuan Experimental Class; studied art, physics, and architecture with the help of off-campus mentors; cumulative GPA: 3.95/4.

EXPERIENCES

Summer 2020 | Virtual Places Virtual Reality Research

Research Associate; developed a Section Tool plugin and an AI Pedestrian Simulation Tool plugin for Unreal Engine 4; implemented both for use in Virtual Reality.

Summer 2019 | Malfona Petrini Architetti

Intern Architect; helped with the analysis of local architecture at Formello, Rome; joined the survey and design process of a villa; made architectural drawings and models.

Summer 2018 | Solar Decathlon China 2018

Member of Team Beijing Jiaotong University; participated in the construction process of a 2-story residential Villa in Dezhou, China.

Summer 2017 | Beijing Jiaotong University Architectural Survey & Design Co., Ltd.

Intern Architect; helped with the architectural drawings for presentation; learned the process of architectural design.

Spring 2017 | Johnson Museum of Art

Curator; curated the show "Power, Haunting, and Resilience" along with faculty; worked especially on a themed exhibition "Remaining Echo: Facets of Haunting in Asian Art".

2017-2019 | Cornell Kali Club

Main member; helped my friend found this Filipino martial art club; practiced stick fighting with club members.

2014-2016 | High School Architecture Club

Founder and president; organized club activities; participated in the Building Festival at Shanghai Tongji University in 2014 and designed and constructed a pavilion; initiated a Design-Build Studio workshop and built a steel structure pavilion with professor and students from Tsinghua University.

HONORS

2020 - 2021 | Guorong Jiang Scholarship

Awarded the scholarship established by Mr. Guorong Jiang in 2016.

2019 | Dean's List

On Dean's List; both spring 2019 and fall 2019.

Fall 2017 | Cornell Architecture Baird Prize

3rd Prize; nature watching station design competition.

2016 | National Youth Science and Technology Innovation Contest in Beijing

2nd place; design of a net-zero energy pavilion powered by solar panels.

2015 | Beijing Xicheng District Middle School Students' Track and Field Sports Meeting

First place in Men's 200-meter race; broke and held the school record.

YUZHEN ZHANG

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SKILLS

Architecture Tools

Rhinoceros
Grasshopper
Adobe Sets
AutoCAD
V-Ray Renderer
Lumion

Virtual Reality Tools

Unreal Engine 4
Unity
Twinmotion
Arkio
Gravity Sketch
Tilt Brush

Computer Languages

C++ for Unreal Engine 4
C# for Grasshopper and Unity
Python
Java
Javascript
Ocaml