Ruqing Zhong

INFO

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SKILLS

Programming & Coding
Python

C#

Arduino

Kuka Robot Programming

3D Modelling & Rendering
Rhinoceros

Grasshopper

Vray

Enscape

Design & Layout
Photoshop

Illustrator

InDesign

Office
Mcrosoft Office
(Word / Excel / PowerPoint)

LANGUAGES

Chinese
Native Tongue
English
IELTS 7.0/9.0
German
TestDaF 19.0/20.0

EDUCATION

Zhejiang University
B.Arch., Architecture
09/2012 - 07/2017
Hangzhou, China
- GPA: 3.85/4.0 (86.15/100), Rank: Top 5
- Scholarship for outstanding students at Zhejiang University (every year)
- Second academic scholarship at Zhejiang University (every year)

Humboldt University of Berlin
Student Exchange Program
03/2016 - 07/2016
Berlin, Germany

University of Stuttgart
M.Sc., Architecture and Urban Planning
10/2017 - 10/2019
Stuttgart, Germany
- GPA: 1.7/5.0
- Research directions: responsive and adaptive building system, smart buildings

University of Stuttgart
M.Sc. student, ITECH Program
10/2019 - 10/2020
Stuttgart, Germany
- Research directions: integrative technologies and architectural design, digital fabrication

EMPLOYMENT HISTORY

Young Bird Plan   (Design Media Platform)
Assist Event Planning & Operation (Internship)
12/2015 - 03/2016
Shanghai, China
- Topic planning for design competition about smart city / Smart city research
- Operation of new media platform / Communicating with contestants

STUDIO QI
Assist Architect (Internship)
08/2016 - 11/2016
Hangzhou, China
- Concept design for a hotel / Green building research / Urban analysis for a media center

Blocher Partners
Assist Architect (Part-time Internship)
05/2018 - 08/2018
Stuttgart, Germany
- Topic research for a design competition about commercial complex / 3D Modelling

bffgmbh
Assist Architect (Part-time Internship)
11/2018 - 02/2020
Stuttgart, Germany
- Concept design for an atelier / Progress management assistant of a facade renovation project

PROJECTS

Design Projects
Selected architectural design projects
2012 - 2019
- https://issuu.com/ruqingzhong/docs/portfolio_2020

A Responsive Architectural Skin System Against Air Pollution
Master thesis project, Architecture and Urban Planning
2019
- This project aims to explore a kind of modular architectural skin system, which can purify the air pollution with the integration of certain sensor, controller and actuator inside. This skin system can be distributed on different kinds of "surfaces" of both buildings and urban spaces.

Grasshopper Plug-in: Animation
Plug-in written in C# for 3D modelling software Rhinoceros
2019
- A small tool which aims to help designers to make better animations with less effort.
- https://www.food4rhino.com/app/animation

Computer Vision Augmented Digital Fabrication Process
Ongoing Master Thesis, ITECH Program
2019 - 2020
- This research aims to explore the application of vision-based sensors and other helper devices in bamboo constructions and to develop corresponding hardware and software prototypes.