SAMSON LIU

B.Arch Candidate @ Carnegie Mellon University
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OBJECTIVE

To obtain an architecture internship, to apply my knowledge and skills to real-world design.

EDUCATION

Carnegie Mellon University
Pittsburgh, PA | Aug 2014 - Present
Bachelor of Architecture | Minor in HCI
Expected Graduation: May 2019

High School Affiliated to Nanjing Normail University
Nanjing, China

COURSES

Fundamentals of Programming
Principles of Imperative Computation

8 Architecture Studios
Interactive Design Studio
Analog/Digital Media

Material and Assembly
Enviro | Building Physics
Structure/Statics
Real Estate Development

Human Factors
User-Centered Research and Evaluation
Data Visualization

SKILLS

General:
Architecture Design, Model Making, Drafting/Rendering Product Prototyping, UX Design, User Studies, Data Visualization, Web Design, Web Scraping

Programming:
Python, C, C++, Processing
HTML, CSS, Javascript (D3)

Hardware:
Wood Shop, Laser Cutter, 3D Printer, CNC Router ABB Robotic Arm

Software:
Autodesk Revit, Autodesk CAD
Adobe Suite (PS, AI, ID, AE, DM, XD), InVision
Rhino 3D, Grasshopper, V-Ray, DIVA
Microsoft Office

Languages:
Chinese (native), English (fluent), Japanese (basic)

HOBBIES

Music:
Self-taught: Songwriting, Arranging, Production, Recording, Mixing. Singing, Saxophone.

Charactor Design

Programming

Philosophy

EXPERIENCE

Teaching Assistant for Media, Carnegie Mellon University, Pittsburgh PA | 2017 - Present
Helped design assignments to help student develop digital / analog rendering skills, provided assignment examples and prepared in-class slides.

Wood Shop Assistant, Carnegie Mellon University, Pittsburgh PA | May 2017 - August 2017
Led a group of 6 people to design and construct architecture school's new studio space.

Architecture Mentor, Carnegie Mellon University, Pittsburgh PA | 2014-Present
Provided crits, council and advice for younger peers.