SAMSON LIU

B.Arch Candidate @ Carnegie Mellon University
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OBJECTIVE

I am seeking an internship in the creative arts industry for summer 2018. I wish to explore on computational, interactive and UX design, as well as physical interfaces and construction.

RELEVANT COURSES

Fundamentals of Programming
Principles of Imperative Computation

Design Human-Centered Software
Interactive Design Overview
Human Factors
Data Visualization

7 Architecture Design Studios
Analog/Digital Media

Fundamentals of Comp Design
Generative Modeling
Intro to Architectural Robotics

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

PERSONAL INTEREST

Music:
Self-taught (with guidance):
Songwriting, Arranging, Production, Recording, Mixing.
Singing, Saxophone.

Trying to mix traditional Chinese with contemporary styles.
Expected album release:
August 2018

EDUCATION

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

High School Affiliated to Nanjing Normail University,
Nanjing, China

SKILLS

Programming:
　　Python, C, C++, Processing, HTML, CSS, RAPID
General:
　　Concept design, Infographics design, Product prototyping, Architecture design, Model making, Drafting/Rendering
Proficient hardware/software:
　　Wood Shop, Laser Cutter, 3D Printer, CNC Router
　　Adobe Suite (PS, AI, ID, AE)
　　Microsoft Office (Word, Excel, PowerPoint), Tableau
　　Rhino 3D, Grasshopper, V-Ray, DIVA
Competent hardware/software:
　　ABB Robotic Arm
　　Autodesk Revit, ArchiCAD, Autodesk CAD
Languages:
　　Chinese (native), English (fluent), Japanese (basic)

EXPERIENCE

Teaching Assistant for Media, Carnegie Mellon University,
Pittsburgh PA | 2017 - Present
Helped design assignment to help student develop digital and analog rendering skills, provide assignment examples and prepare in-calss slides.

Teaching Assistant for Slack, Carnegie Mellon University,
Pittsburgh PA | 2017 - Present
Offered miscellaneous technical help, critiques, suggestions; searched and contributed to the resource stream on the school-wide online platform.

Architecture Mentor, Carnegie Mellon University, Pittsburgh PA | 2014-Present
Provide council and advice on interpersonal and architectural problems for younger peers.