

# HARRY BRANCH-SHAW

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## PROFESSIONAL EMPLOYMENT & INTERNSHIPS

### **Reiser + Umemoto** – New York, NY *Summer 2019*

#### *Fabricator / Intern*

Collaborated on the designs of leather and fiberglass chaises. Fabricated structures of both through the application of CNC routing and manual assembly. Assisted with the production of graphic media for the upcoming book "Projects and Their Consequences Vol II".

### **GGN Landscape Architects / Carnegie Mellon University** – Pittsburgh, PA *Spring 2019*

#### *Designer & Builder*

Participated on student/faculty design team to create a series of steam bent swings with the help of robotic arms. Designed for single users and pairs, swings will enhance leisure areas in Hazelwood's first green space.

### **Oliver Cope Architect** – New York, NY *Summer 2018*

#### *Intern*

Worked with teams on various urban and suburban residential projects, drafting details and schedules, and researching real estate for project sites. Participated in site visits and communicated with contractors.

### **Carnegie Mellon University** – Pittsburgh, PA *2017 - Present*

#### *Wood and Metal Shop Monitor*

Proficient in use of all analog woodshop and metal shop tools. Educate and monitor users on proper technique of all tools and machines.

### **Center for Architecture Foundation** – New York, NY *2011-15*

#### *Intern and Monitor*

Assisted Art and Architecture instructors in youth summer programs and supported student design projects.

## EDUCATION

### **Carnegie Mellon University**, *Bachelor of Architecture* *2016-21*

#### *Minor in Architectural Design Fabrication*

### **Co-Curricular Athletic Activities** *2016 - Present*

CMU Varsity Cross Country, Indoor and Outdoor Track Teams

### **Brooklyn Technical High School** *2012-16*

#### *Architecture Minor*

### **The Cooper Union** *Summer 2015*

#### *Introduction to Architecture Summer Program*

## SKILLS

**Digital:** Rhino, VRAY, Grasshopper, HAL, Photoshop, Illustrator, InDesign, Sketchup, AutoCAD

**Analog:** Small-scale modelling, Drafting, Sketching

**Fabrication:** Laser Cutting, CNC Routing, 3D Printing, Robotics, Wood/Metal work

## AWARDS & ACTIVITIES

**2021** CMU Small Undergraduate Research Grant Full Recipient: project to convert a used van into an economical and viable mobile living and work space.

**2020** Published archirunning.com blog and Instagram account to share architecture and historical markers that I encounter on my runs.

## REFERENCES

**Dana Cupkova** *Professor, Carnegie Mellon University Architecture and Urban Planning*  
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**Jon Holmes** *Head Woodshop Director, Carnegie Mellon University*  
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**Oliver Cope** *Principal, Oliver Cope Architect*  
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