

DREW CARSON



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MANIFESTO

Inspired by the playful approach of art I am a spatial designer interested in the dialogue between fabrication and artisanal craftsmanship, while integrating forward thinking technology. Exploring towards a more efficient tomorrow with the utilization of robotics and digital fabrication techniques I am interested in blurring the barriers between mediums, in hopes to provide a harmonious creative design.

EDUCATION

2014

Fab Academy

FabLab BCN/Valldaura
 Massachusetts Institute of Technology



2013

Open Thesis Fabrication

2012-2013

Masters in Advanced Architecture

Institute of Advanced Architecture of Catalonia



2006 - 2011

BA Architectural Design**Minor in Urban Sustainable Development**

Portland State University

KNOWLEDGE

●●●●○	Illustrator	●●●●○	3DS Max
●●●●●	Photoshop	●●●○○	Autocad
●●●●●	InDesign	●●●●○	HTML & CSS
●●●●○	AfterEffects	●●●○○	Arduino
●●●●●	Rhino 3d	●●●●●	STL Editors
●●●●○	RhinoCAM	●●●●○	G-Code
●●●○○	Grasshopper	●●●○○	Processing

COMPREHENSION

I am comfortable with the utilization, and maintenance of machines such as the Spirit GE 100w, Multicamm 2000, 3-axis ShopBot, 3 axis Precix 11100 Series CNC, Roland Monofab SRM 20, Modela MDX-20, Makerbot Replicator and Replicator 2, Ultimaker Original and Ultimaker 2, Zcorp Z510, Roland GX-24 camm-1 servo vinyl cutter, Kuka KR 150 L110-2 6-axis robot, and the IRB 3620 variant IRB 6620-150/2.2 6-axis robot by ABB. I am also aware of many traditional crafts techniques and practices.

LANGUAGES

English	*****	(Native)
Spanish	****	(Proficient)
Catalan	**	(Conversational)

PRACTICE**VIMOD Studio, Architect 2014-Current**

-Developed as well as fabricated physical architecture that integrated sensors for utilization in immersive digital environments. Helped seamlessly blend the programming and electronic elements within each given project to achieve a cohesive space. Dealt with ordering of material and project management. Interfaced with English speaking companies and discussed with them what needed to be achieved, while keeping a professional working relationship for future project collaborations.

The Green Fab Lab, Collaborator/Assistant 2012-Current

-Worked in situ developing sustainable value-based strategies for the Food Lab's "Food Forest". Interfaced with the public when weekly action groups were needed to be led. Assisted with the movement and installation of machines within the Green Lab. Aided in the daily up-keep of Valldaura facilities including the wood shop, kitchen, dormitories, the Green Fab Lab, and as well as the 130 hectare property as a whole.

FabLab BCN, Lab Assistant January 2014 - August 2014

-Assisted daily activity within the Barcelona Fab Lab. Mediated between student as well as professional work, with the intention of alleviating work for the salaried employees. Daily activities involved digital work, as well as utilization, and maintenance of machines such as the Spirit GE 100w, Multicamm 2000, Zcorp Z510, Modela MDX-20, Makerbot Replicator, and Replicator 2.

Laughing Planet Cafe, Assistant Manager 2011-2012

-Maintained customer satisfaction by monitoring, evaluating, and auditing food offerings, initiating improvements, while building relationships with patrons. Completed human resource objectives by reviewing and enforcing policies and procedures. Aided company goals by maintaining and taking part in a productive team environment of a \$25,000 grossing per week establishment.