

SIMON YUEN

PRODUCT DESIGN & FABRICATION

PROFILE

Hi my name is Simon. I work in the fields of product design and custom fabrication (with a background in graphic design and video production). I am a skill collector and have committed myself to a lifetime of learning and practicing. Materials, processes, user interactions, and the stories that objects tell fascinate me. Above all, I am driven to create design solutions that are both practical and elegant.

I am proficient in all stages of the product design process, and utilize hand tools and digital fabrication tools to bring projects to life.

PROFESSIONAL EXPERIENCE

PVS GRAPHICS — 3D Designer, Fabricator

Portland, OR | Sept 2018 - Current

PVS Graphics is a print shop and environmental design studio. I work in the fabrication department engineering, designing, and building tradeshow sets and retail displays.

RECREATION DEPARTMENT — Owner

Portland, OR | August 2015 - Current

Recreation Department is a party game rental service I started in 2015. I craft classic games that are available to rent for parties and other social gatherings.

SUPERFAB — Fabricator, CNC Operator

Portland, OR | February 2016 - July 2017

Superfab is a design studio specializing in CNC design and fabrication. I assisted as a fabricator in the shop as well as operate the Shopbot CNC mills.

GUILD — Fabricator

Portland, OR | August 2014 - February 2016

Guild is a interdisciplinary studio specializing in environmental design and fabrication. I worked in the shop as a fabricator creating displays and sets.

ORANGE DESIGN INDUSTRIES — Carpenter

Portland, OR | November 2013 - July 2014

Orange Design Industries is a construction company and fabrication shop specializing in building commercial and residential spaces. I worked in the wood shop creating cabinetry and furniture.

PROFESSIONAL EXPERIENCE

THE GOOD MOD — Design, Fabrication, Laser & CNC Operator Portland, OR | July 2012 - November 2013

The Good Mod is a vintage modern furniture retailer and fabrication studio. Responsibilities: design, engineering, manage and budget projects, CAD design in Rhino and Illustrator, operate Shopbot CNC mill and Epilog laser cutter, wood working, metal working.

ADX PORTLAND — Design, Fabrication, Laser Operator Portland, OR | October 2011 - January 2013

ADX Portland is a member-based design and fabrication studio. I worked on custom fabrication projects as well as operate the Epilog laser cutter. Responsibilities: manage projects, design consultation, create 2D and 3D cad drawings, wood and metal fabrication.

SCHOOLHOUSE ELECTRIC CO. — Product Designer Portland, OR | July 2010 - August 2011

As a product designer I did ground-up design of new products. The process involved: inspiration research, sketches and cad rendering, technical drawings for parts, seeking out vendors to manufacture parts, organizing price quotes and all project costs, maintaining relationships and communication with vendors, prototyping, and finalizing product.

MAGNET MEDIA — Designer, Animator, Producer New York City | June 2007 – March 2009

Magnet Media is a digital media production company. My role as designer involved art direction, digital illustration, motion graphics, video editing, graphic design, web design.

EDUCATION

Undergraduate Studies, Industrial Design
The Art Institute of Portland
October 2009 - June 2010

Bachelors of Science, Digital Media Production
The Art Institute of Philadelphia
Graduation Date: December 2006

SKILL SET

Fabrication:

Wood, metal, plastic fabrication.

Furniture, retail displays, cabinetry, prototypes, models, sign-making, painting & finishing.

Digital Fabrication:

3D CAD design

Tool path generation

CNC milling

Laser cutter operation

Vinyl cutter operation

2D:

Technical drawing

Ideation and conceptual drawing.

Graphic design utilizing software as well as hand skills.

Photography, video production, video editing, motion graphics.

Project Management:

Client consultation, budgeting, vendor & material sourcing.

SOFTWARE

Inventor

Fusion360

Solidworks

AutoCAD

Rhinoceros

RhinoCam

Illustrator

Photoshop

Premiere

After Effects

Final Cut Pro

Mac and PC proficient