

SIMON YUEN

INDUSTRIAL DESIGN & FABRICATION

PROFILE

Hi my name is Simon and I work in the fields of product design and custom fabrication. I have an obsession with learning fabrication techniques, manufacturing processes, and the stories that objects tell. Above all, I am driven to create design solutions that are both practical and elegant.

I have 10 years of experience designing and building custom displays, retail environments, and furniture.

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 — Lead 3D CAD Designer, Fabrication Manager

Portland, OR | Sept 2018 - Current

PVS Graphics is a print shop and custom fabrication studio. I lead the fabrication department doing engineering, drafting, prototyping, managing projects, overseeing the workshop, and building. Typical work includes tradeshows and retail displays.

SUPERFAB — Fabricator, CNC Operator

Portland, OR | February 2016 - July 2017

Superfab is a design studio specializing in CNC design and fabrication. I worked 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.

PROFESSIONAL EXPERIENCE

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.

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, 3D cad design, operate cnc mill and 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 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.

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.

Electronics wiring and LED lighting.

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

Solidworks

Inventor

Fusion360

AutoCAD

Sketchup

Rhinoceros

RhinoCam

Photoshop

Premiere

After Effects

Final Cut Pro