ERIC CHU

Industrial Designer

Contact

Website / Online Portfolio
www.ericchu.design

Email
eric@ericchu.design

Phone
985-248-9696

Location
San Francisco, USA

About

Eric enjoys designing solutions that help people and the environment. He loves reducing waste and reusing what we have today to make functional and useful products that avoid the landfill. He considers himself detail oriented and believes the smallest details are the ones that are most important.

Education

Bachelor of Fine Arts in Industrial Design
California College of the Arts
San Francisco, CA   2013 - Aug 2016

Work experience

Digital Media Academy *Instructor*
Stanford University, CA July - August 2017

• Taught *3D Printing Product Design* and *Graphic Design*
• Educated teens and teachers/educators to encourage design thinking
• Lead 1-week crash courses in Fusion 360, Cura, Photoshop, and Illustrator

Studio Burke *Interior Design Assistant*
San Francisco, CA May 2017 - Present

• Photoshop rendering of elevations and floor plans
• AutoCAD drafting of elevations and floor plans
• Specified plumbing fixtures and tiles for clients

California College of the Arts *3D Printer and Laser Cutter Monitor*
San Francisco, CA Feb 2014 - May 2016

• Prepared student's 3D files for 3D printing
• Applied maintenance on 3D printers
• Consulted with students on designing parts for 3D printing

Other Machine Company *Design Fellow*
San Francisco, CA June - August 2015

• Evaluated, tested, and gave internal feedback on company's main product: Othermill, a desktop CNC milling machine designed for circuit board makers, designers, and educators
• Designed and fabricated multiple projects on the Othermill to showcase the capabilities of the machine to potential customers
• Photographed, filmed, and wrote up an Instructable guide to allow community users to make their own projects

MAKE magazine *Engineering Intern*
Sebastopol, CA Dec 2008 - Aug 2013

• Analyzed, built, tested, and improved the reader's experience of projects by editing for readability, build-ability, and their fun-factor before publishing in the print magazine.
• Interacted with Maker Faire attendees at the MAKE magazine booth by showing projects, giving tips on how to build things, and bringing awareness to the print magazine

Skill-sets

Sketching
• Mark-making, rapid sketching
• Pen, markers, color pencils, pencil

Software
• CAD: Solidworks, Rhino, Fusion 360, Keyshot, AutoCAD, Inventor
• Adobe Suite: Illustrator, Photoshop, InDesign
• Google Drive Suite, Microsoft Word, Excel, and PowerPoint

Fabrication
• Model making: work in woods, metals, plastics, and foam, vacuum-forming, heat bending, spray painting, sewing, mold making and casting
• 3D printing, CNC/manual lathe and mill, laser cutting
• Electronics: Arduino, basic electrical knowledge, robotics, and programming