

# ERIC CHU

Industrial Designer

## Contact

Website / Online Portfolio  
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Phone  
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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 - 2016

## Work experience

Avroko - Industrial Designer

San Francisco, CA February 2018 - Current

- Design and 3D model furniture and lighting in Solidworks.
- Develop technical drawings of furniture and lighting for manufacturing quoting.
- 3D-print scaled models of furniture for referencing.

Studio Burke - Interior Design Assistant

San Francisco, CA May 2017 - February 2018

- Drafting in AutoCAD and rendering in Photoshop & SketchUp of elevations and floor plans
- Design layouts of furniture and appliances in over 5000 sq. ft. homes
- Specify plumbing fixtures and tiles for clients

Digital Media Academy - Instructor

Stanford, CA July - August 2017

- Taught the 3D Printing Product Design and Graphic Design classes
- Educated over 80 teens and teachers/educators on design thinking and process
- Lead multiple 1-week courses in Fusion 360, Cura, Adobe Photoshop, and Illustrator

California College of the Arts - 3D Printer & Laser Cutter Monitor

San Francisco, CA Feb 2014 - May 2016

- Prepared student's 3D files for 3D printing
- Applied maintenance on 3D printers and laser cutters
- Consulted with students on designing parts for 3D printing and laser cutting

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