

Coby Unger

Maker : Designer : Instructor

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CobyUngerDesign.com

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Education

Philadelphia University: Phila., PA
Bachelor of Science, May 2014
Major: Industrial Design
Minor: General Engineering
Magna Cum Laude

Lexia International: Berlin, Germany
Study Abroad Semester, Fall 2010
Field of Study: Architecture

Presentations

IDSA Medical Design Deep Dive
Remote March 2020
Furniture Society

San Francisco CA June 2018

National Week of Making Kickoff
The White House DC, June 2015

Autodesk Pier 9 Artist in Residence Talk
San Francisco Oct 2014

IDSA North East Regional Conference
New York NY, May 2014

Galleries

Digital Craft Exhibition

Applied Contemporary, Oakland CA, Sept 2020
Child's Play

Society of Arts and Crafts, Boston MA, Nov 2019
Moving Image Matters

Center for Art in Wood, Philadelphia PA, May 2019
Pier 9 Artist in Residence

Pier 9 San, Francisco CA, Jan 2015

Freshly Made, Out On a Limb
42 Rice Street, Providence RI, Aug 2011

Designed In Rhode Island
42 Rice Street, Providence RI, Aug 2012

Media Recognition

Boston Globe +WBZ News Radio
November 2022

CNBC Make IT
April 2020

MIT Technology Review
June 2020

The Atlantic Magazine
September 2014

CRED Magazine
August 2013

Maker Schools Interview
July 2015

Associated Press
September 2012

Experience:

MIT Cambridge, MA November 2016 - Present

Hobby Shop Instructor

- Advise and assist shop members with projects
- Teach wood working, metal working, and CAD/CAM/CNC
- Maintain, clean and repair tools and equipment
- Complete facility relocation and redesign

KNUST Kumasi, Ghana February 2024 - Present

Guest Instructor in Manufacturing

- Set up and run new CNC equipment
- Train new users and transition them to leadership
- Consult on the future of manufacturing in Kumasi

Maker's Asylum Mumbai, India May 2016 - September 2016

Maker in Residence

- Designed and built a mobile maker workshop
- Created and designed curriculum to accompany the mobile lab
- Organized and managed a team of volunteers

Prakti Design Pondicherry, India May 2015 - May 2016

Industrial Designer

- Design research and usability testing
- Developed new technology for cooking with biomass fuels
- Collaborated with manufacturing partners
- CAD design and prototyping

Instructables.com / Autodesk: SF, CA June 2014 - April 2015

Design Studio / Artist in Residence

- Project ideation and fabrication
- Developed a playful adaptive prosthetic device for kids
- Trend research for project content
- Documented projects for Instructables.com
- Assisted for story-telling team with content creation

Arborglass Eyewear Providence, RI Apr 2011 - Dec 2014

Owner / Designer

- Wooden eyewear design and fabrication
- Jig and tool design for small scale manufacturing
- Marketing and retail management

Public Workshop Philadelphia, PA Feb 2013 - May 2014

Designer / Fabricator / Instructor

- Designed and co-led youth-built public installations
- Organized events and programs for students
- Grant application and project planning

Philadelphia University Philadelphia, PA Sept 2011 - May 2014

Shop Monitor

- Maintained machines to ensure student safety and efficiency
- Trained students on safe operation of tools
- Assisted other students with fabrication projects

Studio Dunn Providence, RI May - Aug 2010 and 2011

Design Intern

- Designed pieces for an award-winning furniture line
- Designed and built manufacturing jigs
- Fabricated prototypes and began short run production