

# Dashiell Krehel

## Contact Info

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767 Isabel St. apt# 3  
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## Prototyping and Production

I am a skilled fabricator with experience in a wide range of traditional and CAM manufacturing techniques. I can personally execute custom furniture, small scale production orders and build-out requests. I also offer my services in 3D modeling, and am happy to consult on more complicated prototyping and mass production requests.

## Employment

### Sorting Robotics

Van Nays, CA  
2019 - 2020

Machinist / Technician

Sorting Robotics is a startup creating machines for agricultural automation. As a startup many duties were assigned on an as-needed basis. My primary responsibilities were:

- assembly of electromechanical and robotic components.
- reviewing technical designs and recommending changes as needed.
- machining custom components for prototyping and design iteration.
- editing CAM processors to improve functionality of shop equipment.

### Southern California Institute of Architecture (SCI-Arc)

Los Angeles, CA  
2016 - 2019

Digital Fabrication Coordinator

The SCI-Arc fabrication shop is structured as two departments, the Analog (traditional tools) and Digital (CNC machines, 3D printers) shops. I was responsible for:

- operating and maintaining digital shop equipment.
- tracking of machine usage, consumable inventory and spare parts.
- instructing students and faculty about the safe operation of digital shop equipment.
- tutoring students on 3D modeling with a focus on CAM production.
- researching and presenting findings on new and exciting technology for use in the shop.
- working and advising in the analog shop as needed.

### Spade Studio

Los Angeles, CA  
2015 - 2017

CEO/Founder

Spade Studio is a company I started as a furniture and home goods brand. It eventually became the entity I do business as whenever doing freelance or custom work, including:

- selling and producing a line of furniture and home goods.
- custom furniture jobs, one-off pieces or small sets.
- CAD modeling with a focus on creating fabrication deliverables (eg. technical drawings).
- art department work for film and commercial production.
- prop and set design.

### Brendan Ravehill

Los Angeles, CA  
2014 - 2015

Production Designer

Brendan Ravenhill is a LA-based designer that specializes in high-end chandeliers and furniture. While working for Brendan, the execution of my tasks required:

- coordinating the production and shipping of all orders according to their due date.
- communicating with vendors about design requirements and supply chain needs.
- graphic design.
- photo editing.

## Education

Bachelor of Fine Arts, Industrial Design (2009), Savannah College of Art & Design

### Software proficiencies

Solidworks, Fusion360, Rhino, RhinoCAM, SurfCAM, AutoCAD, Adobe Suites, Inventor, Keyshot, Chilipepper, GRBL, Microsoft Office, Arduino, Visual Studio Code.

### Other

Forklift and CPR certified