Ben Skupsky

Denver, CO
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plantvill.com/portfolio

A creative Industrial Engineer and Entrepreneur seeking a position in analysis, R&D, or design.
Passionate about CAD, manufacturing, and business improvements.
Thrives in a collaborative work environment, but likes to get sawdust or oil on his hands before the end of the day.

Work Experience

Business Owner and Operator

Simplycreate/Plantvill - Boulder, CO
2016 to 2021

Responsibilities:
• Oversaw the daily operations of the business
• Designed custom products, R&D, prototyping, and low volume production
• Daily use of CAD, CAM, 3D Printers, and CNC machines
• Managed prototyping/production outsourcing, projects budgets, manufacturing networks, and resource procurement.
• Managed marketing (written copy-graphics) and product launch campaigns using Google SEO, Facebook ad manager, and Kickstarter

Custom Product Launches:
• A Glass Light: managed a multi-business collaboration to create a custom recycled molded glass shade and CNC machined beetle-killed pine base
• Just a Algae Duck: 100% algae molded into the shape of a duck with a water-resistant coating
• A Thing of a Widget: an engineered and CNC machined metal fiddling device with lockable linkages

Skills Used:
• CAD, CAM, CNC operation, 3D printer operation, custom mold making (six inches - four feet), metal/wood/plastic/algae material cutting/sanding/finishing
• Incorporate industry manufacturing tools, tolerance ranges, inventory/tool management systems, and safety practices
• Procurement/supply chain design and management for unique worldwide materials
• Google SEO, Facebook AD Manager, open-source graphic design programs, custom mailers, and managed freelancers

Mechanical Engineer Internship

Roboteam
2015 to 2016

• Developed robotic parts used by the United States Air Force, Israel Military, and Polish Army
• Created written and 3D CAD models for robotic parts assembly manufacturing instructions
• Improved the Bill of Material (BOM) on multiple components

• Designed protection shipment and storage cases for military robots/cameras

Wood Working Specialist-Counselor

Camp Ramah in WI - Wood, Wisconsin
2007 to 2009

• Supervised 100+ teenagers daily in a complete woodshop
• Managed teams to produce stage props, furniture, and awards

Education

Bachelor's in Industrial Engineer

Fachhochschule Lübeck - Lubeck
2014

Bachelor's in International Business

Milwaukee School of Engineering
2014

Skills

• CAD Software: Solidworks, Creo/Pro-E, Inventor, SketchUp, Fusion 360, and AutoCAD (8 years)
• Equipment: CNC’s, 3D printers, woodworking , mechanical, and manual tools (10+ years)
• Other Software: Web design, C++, Java, Adobe, and Microsoft Suites

Certifications and Licenses

Wilderness First Responder

2020 to 2022

Second Degree Black Belt

Additional Information

Camp Ramah Colorado (Volunteer)

2010 to 2019
• Help manage winter to summer facilities transition (tents/setup)
• Managed a $100,000 budget, 6-30 employees, reengineering of the product design, and construction of enhanced custom 20’x 30’ tents

Moishe House Boulder (Volunteer)
2019 – 2020
• A community organizer in charge of planning and running six monthly programs for 22-35-year-olds
• Example programs: dinners, cooking classes, discussion groups, and crafting