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# PATRICK SCOTT

## SKILLS

CAD: SolidWorks, Catia V5  
GD&T  
SolidWorks EPDM  
KUKA Robotics  
Machining  
Programming  
ERP: Epicor, SAP, M3  
Microsoft Office  
WordPress  
Photoshop, Illustrator

## CERTIFICATIONS

Catia V5:  
Fund. & NC Prmgm  
KUKA Robotics:  
Basic & Adv. Prmgm  
Leadership Skills Dev.  
UL 153 & 1598 MTR Gen.  
Coverage

## EDUCATION

**BS, Mech. Engineering**  
Santa Clara University

Continued online Edu. in:  
Finance  
Product Design  
Computer Science

## INTERNSHIPS

Mechanical Engineer  
Design Engineer  
Configuration Management  
Inventory Management

## ACCOMPLISHMENTS

Eagle Scout

## PROFESSIONAL PROFILE

I am a Mechanical Engineer working in the SF Bay Area, with over 6 years of experience. I seek to merge innovative engineering and manufacturing practices to advance sustainability. As an observant and visual learner, I am always learning from those around me. I have a passion for problem-solving utilizing resourcefulness and creativity.

## EMPLOYMENT HISTORY

### Mechanical Designer

Scott Lamp | Fairfield, CA | Sep. 2018 – Present

Design lighting fixtures, and create drawing packages using SolidWorks.

- 3D print sample models using Makerbot printer.
- Perform task management and drawing approvals as acting supervisor.

### Lived Abroad

Santiago, Chile | Jan. 2018 – Jul. 2018

Built basic Spanish skills in an unfamiliar environment.

### Harvest Intern

Chimney Rock Winery | Napa, CA | Sep. 2017 – Dec. 2017

Performed cellar tasks such as: pump-overs, racking, additions, and cleaning tanks

- Operated and cleaned Pellenc destemmer and Diemme press machines.

### Mechanical Engineer

Wunder-Bar | Vacaville, CA | Apr. 2017 – Jul. 2017

Design and update models, drawings and BOM's using SolidWorks.

- Designed and built prototype pressure test system for production part.

### Mechanical Engineer

Staco Systems | Irvine, CA | Jan. 2015 – Apr. 2017

Managed custom orders, updates, and cost-cutting efforts on multiple product lines. Design and update models, drawings and BOM's, using SolidWorks, for human interface controls.

- Collaborate with manufacturing for problem-solving and process improvement.
- Developed first optical measurement system to standardize and provide Q.C. for illuminated products.
- Created excel tools to improve team comprehension of optical data for decision making.
- Customer service visits to support product application in the field.
- Created excel tools to code and decode part numbers to minimize order and build errors.

### Design Engineer

HITCO Carbon Composites | Gardena, CA | Feb. 2013 – Jul. 2014

Design and produce production tools and aids using Catia V5 in addition to supporting production such as troubleshooting issues relating to the Virtek system.

- As principal engineer, implemented an innovative robotic system through R&D and proof of feasibility phases, proving labor savings and quality control improvements. Ran all test protocols and programmed robot for production roll-out.

### Production (Manufacturing) Supervisor

HITCO Carbon Composites | Gardena, CA | Jul. 2014 – Sep. 2014

Front line production supervisor for unionized production employees. Worked with consultants on process improvements to implement & maintain lean strategies including use of KPI boards, 6 Sigma audits, and root cause analysis.