





# ENGINEERING

from Resume Genius

## about

Mechanical Engineer with 6+ years of experience in lightweight materials innovation, production, and maintenance. Possess a B.S. in Mechanical Engineering from UC San Diego. Seeking to leverage SolidWorks expertise, leadership abilities, and materials development competency in the role of Senior Mechanical Engineer.

## contact

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## EDUCAT

B.S. Mechanical Engineering  
*UC San Diego*

A.S. Physics  
*Mira Costa College*  
*Oceanside, CA*

## SKILLS

SolidWorks  
Tinkercad  
AutoCAD  
MATLAB  
Inventor CAM  
Problem solving  
Accuracy and attention to

## CERTIFICA

PRT Certification  
*ASME / 2014*  
ADDA Certification  
*American Design Drafting Association / 2015*

## professional experience

2016 -

Mechanical Engineer / *SeedSecure / San Diego, CA*

- Worked with a team of 10+ to ideate, create, maintain, and update lightweight materials, working primarily with carbon fiber composite
- Increased production efficiency by 15% by strategically minimizing bottlenecks
- Trained 3-5 employees/year in non-physical prototyping methodologies
- Ensured strict adherence to OSHA and FDA safety guidelines

2014 - 2016

Mechanical Engineering Apprentice / *Rathbone Pacific / San Diego, CA*

- Researched new materials-generation techniques, compiling and distributing an average of 3 reports/year to engineering team
- Liaised between design, production, and quality control teams to ensure we met the highest standard of quality during each stage of development
- Consistently maintained a record of <5% production errors through the expert care and precise handling of materials