

# **Patrick D. Marshall**

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## **Objective:**

A passionate, creative mind looking for stimulation and responsibility. I strive to positively impact the future of the human race through any means necessary. Detail oriented and deadline motivated to succeed and accel in any task I am given.

## **Work Experience:**

Primus Aerospace - Quality inspection of machined parts for low tolerance, high value applications. CMM operation and programming experience. **June 2019 - Present**

Lightshade - Experience at all levels of employment through hard work and determination to continue my learning through incremental promotions all the way through to Quality Assurance Lead. **April 2018 - May 2019**

Colorado Metallurgical Services - Material testing (mechanical and chemical), reverse engineering, failure analysis, and weld qualification testing and examination. Some machine shop work. **July 2016 – Jan. 2018**

CoorsTek Internship - Ceramic processing for R&D applications with powdered metal base material. Introduced to Lean-Six-Sigma quality methodologies; characterization of ceramic prototypes. **May 2015 – Dec. 2015**

## **Education:**

Colorado School of Mines - B.S. in Metallurgical and Materials Engineering **Aug. 2012-May 2016**

## **Skills & Strengths:**

*Computer Skills* - Experience with 'Grasshopper' a javascript based coding app. Self-taught coding basics with 'Eloquent Javascript'.

*Detail Oriented* - Ability to read through and understand operating procedures, specifications, and other technical documentation.

*Professionalism* - Well-spoken, well-mannered, well-dressed.

*Prioritization and Decision Making* - Can understand a situation and determine the course of action that needs to be taken next based on a wide array of inputs.

*Statistical Process Control* - The ability to increase the efficiency of any process using data gathered from the inputs into the system.

*Metallurgical Analysis Techniques*

## **Interests & Activities:**

*Research* - Interested in new materials, bioremediation, permaculture, novel processing techniques, mycological studies, and the future needs of humanity

*Physical Activities* - Hiking, Skiing, Slacklining, and Yoga

*Future Plans* - Creating a sustainable permaculture environment that produces most of what I need, traveling to Mars, and inventing the next iPhone.