



Nate Margolis

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Boulder, CO

SUMMARY

Product engineer with a MS in Materials Science and Engineering. Using a high degree of technical acumen to develop higher quality gear for optimal performance and durability. Experienced in testing, prototyping and LEAN practices.

PROFESSIONAL EXPERIENCE

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| BOA Fit System: <i>Product Engineer</i> | Denver, CO |
| <ul style="list-style-type: none">• Root Cause Analysis for problem reports to constantly improve BOA products• Led team to implement regrind material into our plastic components to reduce waste, decrease environmental degradation and improve cost savings• Utilized SolidWorks to implement design changes and new product development• Improved processing parameters with injection molded parts to increase end performance.• Managed international teams for product development, problem reports and mold creation• Worked with vendors to develop new sustainable materials to reduce our environmental impact• Identified and solved problems with new and existing product through in depth evaluations with inspection and testing• Highly experienced in both PLM and PDM systems | 2019- Present |
| Mantra Gear: <i>Product Developer</i> | Boulder, CO |
| <ul style="list-style-type: none">• Prototyping, designing and testing new gear for mountain biking.• Sourced materials, and manufacturing for development and tracked progress throughout lifecycle• Used background as a Materials Science Engineer to help determine which materials would have the best performance• Responsible for go to market strategy to help grow brand awareness and customer base | 2017-2019 |
| University of Colorado in Boulder: <i>Student Athlete Tutor</i> | Boulder, CO |
| <ul style="list-style-type: none">• Tutored students in a variety of subjects including material science, chemistry, physics, calculus, thermodynamics and environmental science | 2017 |
| Patagonia: <i>Customer Service Representative</i> | Boulder, CO |
| <ul style="list-style-type: none">• Utilized vast product knowledge and outdoor experience to boost sales• Delivered exceptional customer service to maintain brand standards for quality | 2014-2015 |

EDUCATION

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| University of Colorado in Boulder | Boulder, CO |
| <i>M.S Materials Science and Engineering</i> | 2015 – 2017 |
| <u>Select Coursework:</u> Product Development and Design, Adv. Mechanics of Materials, Materials Chemistry and Structure, Nanomaterials, Organic Materials, Polymer Chemistry, Adv. Mechanics of Materials, Thermodynamics | |
| COLORADO COLLEGE | Colorado Springs, CO |
| <i>B.S. Environmental Chemistry</i> | 2009 – 2013 |
| <u>Select Coursework:</u> Organic Chemistry 1 & 2, Physics 1 & 2, Mech Engineering 1 & 2 | |

CERTIFICATIONS and PROFESSIONAL COURSES

- SolidWorks
- Green Belt Six Sigma/LEAN
- PMP