Beatriz **Zepeda-Almazan**

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Summary

Inspired Sports Engineer with experience in core development areas required to achieve product innovation – retail/consumer, business, innovation, engineering design/manufacturing, and supply chain / global sourcing. Motivated to achieve data driven results through inter-disciplinary collaboration and creative problem-solving.

Education

MSc - SHEFFIELD HALLAM UNIVERSITY *Sheffield, UK*

SPORTS ENGINEERING *09/2019 - Exp. 06/2020*

- Advanced application of technical, problem-solving and engineering skills alongside bio-mechanical analysis to analyse the athlete-equipment interactions in sport.

B.S - UNIVERSITY OF COLORADO BOULDER *BOULDER, CO*

ENGINEERING PLUS : DESIGN FOCUSED, INTERDISCIPLINARY ENGINEERING DEGREE WITH A CONCENTRATION IN MANAGEMENT *08/2014 - 05/2019*

- Focus: Mechanical Engineering; Concentration: Engineering Management | Minor – French Studies

Technical Skills

- Development Experience: Concept design and testing, laser cutting, 3D printing, 3D Scanning, Injection Molding
- Strong Proficiency in MS Office Suite MS Project, Matlab, JMP, ProjectLibre, R Suite, LabView, LaTeX, Associate Solidworks Cert.
- Strong foundational Knowledge of Quality Management, Statistical Analysis, Lean Six Sigma
- Fluent in English, French, And Spanish

Professional Experience

UNIVERSITY OF COLORADO BOULDER *BOULDER, CO*

LEAD COORDINATOR, PRE-COLLEGIATE ENGINEERING EDUCATION PROGRAM *01/2019 - 07/2019*

- Strived to spark inspiration and expand the influence of engineering with K-12 students.
- Managed a team of 20 direct reports over two programs that directly impacted 200 K-12 students.
- Managed, directed, and oversaw all functions associated with the K-12 Outreach program while serving as liaison for internal and external institutions.

COLORADO DESIGN CENTER *BOULDER, CO*

MANUFACTURING ENGINEER / PROJECT MANAGER, ENGINEERING FOR SOCIAL INNOVATION *08/2018 - 05/2019*

- Managed team of 6 cross-functional Engineers to design social innovation solution to mitigate plastic waste through, at the time, first of its kind naturally heated injection molding machine with focus on Manufacturing Excellence.
- Utilized foundational mechanical knowledge to develop manufacturing time-line with coordination of research engineers to ensure manufacturability.

ADIDAS HONG KONG SOURCING *HONG KONG, SAR*

CO-OP INTERN, FOOTWEAR MATERIALS COSTING BASED IN HONK KONG *02/2018 – 07/2018*

- Managed organization and analysis of seasonal supplier costing reports and surveys to deliver best practice material costing strategies.
- Provided statistical and objective analysis in decision making process of new T2 supplier integration.
- Created Leather costing tool for BU material costing to reduce variation in spending.

UNIVERSITY OF COLORADO BOULDER - INTEGRATED TEACHING AND LEARNING LABORATORY *BOULDER, CO*

MECHANICAL/MATERIALS DESIGN INSTRUCTOR, ENGINEERING TECH STAFF *01/2017 - 01/2019*

- Managed maintenance of ITLL advanced product creation and testing equipment.
- Led and coordinated Materials Testing workshops and experiments for students and staff using INSTRON machines.
- Student project consultant for engineering best practices and creative use of resources.

ADIDAS NORTH AMERICA | FOOTWEAR TESTING *PORTLAND, OR*

INTERN, FOOTWEAR QUALITY *06/2017 – 08/2017*

- Supported Testing team with fit and wear user testing through new tester coordination and analysis.
- Utilized an INSTRON tensile test device to develop testing procedures to evaluate failures in Boost Basketball shoe Strobel construction to ensure future quality at development and production level.
- Analyzed and synthesized test results to suggest development updates for quality assurance to key stakeholders through verbal and written reports.

NEO TECHNOLOGIES *NAPERVILLE, IL*

INTERN, MECHANICAL ENGINEER DESIGN *05/2015 – 05/2017*

- Utilized CAD software for PCB component modelling and schematic design to be used in mass production product runs.
- Managed library organization for mechanical and electrical design projects for a team of 15 Industry leading Professional Engineers.
- Provided Mechanical insight to achieve development and manufacturing solutions to critical issues for high demand clients.

Awards Recognition's

- 2019 Student Speaker - Engineering Plus Degree Graduation
- 2018 CU Boulder Engineering Projects Design Expo 1st Place
- Undergraduate Student Spotlight in SWE 2018 Conference on E+ Design Major
- CU Boulder Bold/Chancellor's Award Scholarship Recipient