

Sam Campbell, PE

📍 Denver, Colorado

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SUMMARY

I'm an experienced professional engineer, software developer, program manager, and MBA candidate with degrees in mechanical and aerospace engineering. I am passionate about bringing new aerospace products to my customers. I have successfully launched a \$1 Million product line, managed \$+20 Million projects, and received 3 U.S. patents.

EDUCATION

Master of Business Administration Candidate

Carnegie Mellon University - Tepper School of Business • Pittsburgh, PA • 2022

Bachelor of Science in Aerospace Engineering

Missouri University of Science and Technology • Rolla, MO • 2015

Bachelor of Science in Mechanical Engineering

Missouri University of Science and Technology • Rolla, MO • 2015

EXPERIENCE

Program Manager

Energys ABSL Space Products

2021 - Present, Longmont, CO

- Led teams to design and manufacture two new spacecraft battery product lines
- Managed financial well-being and customer relations of nine programs concurrently
- Developed customer relations leading to repeat sales
- Led program KO, CDR, MRR, TRR, and PSR reviews with customers
- Managed scope and critical documentation with customers including SOWs, Specs, etc.
- Prepared financial bid documents and maintained program margin on \$9MM+ of programs
- Managed program schedule to meet all contractual delivery dates

Project Manager

Systems Engineer

Roeslein & Associates

2017 - 2021, Northglenn, CO

- Successfully managed financials, engineering, and logistics of \$26 million+ projects on the most compressed schedule in company history
- Designed and developed data management software utilizing Python and Java
- Successfully integrated over 10 plants worldwide with production software
- Won Inductive Automation's Firebrand Award for best implementation of Ignition software

General Manager

Design Engineer

Ultradyn USA

2015 - 2017, Columbia, MO

- Successfully launched \$1 million product line to market
- Built testing apparatuses, performed and managed testing, and utilized results for marketing
- Wrote and filed company patents, trademarks, and contracts (see patent list)
- Performed product sourcing while creating manufacturing relationships and keeping all products under budget
- Designed 9 products for launch and managed a design team for secondary and tertiary launches

ADDITIONAL EXPERIENCE

ETNEHS Intern - L'Oreal

2014, Warren, MI

Maintenance Engineering Intern - Westmoreland Coal

2012 & 2013, MT & WY

Electrical & Mechanical Group Intern - General Motors

2011, Warren, MI

SKILLS AND AWARDS

Skills:

Python
LabVIEW
DASLab

Java
NX
LaTeX

MySQL
Solidworks
Product Development

Microsoft Project
Quickbooks
Manufacturing

C++
AutoCAD
Product Sourcing

Awards/Certifications:

Inductive Automation Firebrand Award
Professional Engineering License – Colorado – Exp 10/31/21

Six Sigma Green Belt

Ignition Gold Certification

Patents:

Samuel Campbell 2018. Bore extender for sighting and continuous indexing. U.S. Patent 9,964,376, issued May 8th, 2018.

Samuel Campbell 2019. System for sight adjustment. U.S. Patent 10,317,171, issued June 10th, 2019.

Samuel Campbell 2019. Sighting system with foldable front sight with aperture post. US 20190249952, filed Aug 15th 2019.