

# Sam Campbell, PE

📍 Denver, Colorado

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## SUMMARY

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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

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### 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

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### 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

#### Ultradyne 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

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### 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

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### Skills:

Python	Java	MySQL	Microsoft Project	C++
LabVIEW	NX	Solidworks	Quickbooks	AutoCAD
DASyLab	LaTeX	LabVIEW	Manufacturing	Product Sourcing

### Awards/Certifications:

Inductive Automation Firebrand Award	Six Sigma Green Belt	Ignition Gold Certification
Professional Engineering License – Colorado – Exp 10/31/21		

### Patents:

Samuel Campbell 2018. Bore extender for sighting and continuous indexing. U.S. Patent 9,964,376, issued May 8<sup>th</sup>, 2018.  
Samuel Campbell 2019. System for sight adjustment. U.S. Patent 10,317,171, issued June 10<sup>th</sup>, 2019.  
Samuel Campbell 2019. Sighting system with foldable front sight with aperture post. US 20190249952, filed Aug 15<sup>th</sup> 2019.