

Jacob L. Hughes

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Education:

University of Pittsburgh, Pittsburgh, PA

Received Bachelor's in Science Degree from Swanson School of Engineering

Major: Engineering Physics

Graduation Date: Spring 2013

Work Experience:

Intern-Cutco Corporation, Olean, NY

(5/2009-8/2011)

- Designed and tested automated machinery for use in production.
- Drafted jigs and fixtures to replace and improve current production possibilities.
- Wrote programming and operation manuals for CNC machines.
- Established automated weighing procedure to minimize miscounts in packaging.
- Designed alternative blade protection method for streamlined production.

Project Engineer – Resetarits Construction Corporation, Buffalo, NY

(4/2012-8/2012)

- Assisted Project Manager with review of submittals for construction.
- Verified shop drawing dimensions for appropriate manufacturing.
- Gathered dimensions and drafted partial building plans for Architect.
- Worked with Project Superintendent and Subcontractors to coordinate labor.

Sales Engineer-Magnetics, Pittsburgh, PA

(2/2013-1/2016)

- Designed and engineered magnetic cores and wound solutions for industrial applications.
- Interacted closely with customers in both a sales and technical support role.
- Took an active role in qualifying new parts and materials to increase business.
- Presented technical discussion on proper design and use of Magnetics' cores.

Director of Sales Engineering-MTL Distribution, Corona, CA

(6/2016-Current)

- Established and implemented ISO 9001:2008 and 2015 Quality Management systems.
- Managed Quality Assurance and Technical Support departments.
- Oversaw all Accounting Receivables operations.
- Maintained and grew sales accounts, including logistics operations.

Interests:

Health and Nutrition-Crossfit Corona, Corona, CA

(02/2018-Current)

- Crossfit Level 1 Trainer
- USAW Sports Performance Coach
 - Cultivated positive relationships with participants to train and educate in various aspects of health.
 - Helped organize and plan gym events.

Certifications:

Digital Garage by Google

- Online Marketing Fundamentals

Master Class Management

- Master Certificate in Business Management

ABCI Consultants

- Internal Auditing ISO Management Systems

Free Code Camp

- Front End Development Certification

Computer Skills:

- Microsoft Office
- Auto-Cad
- Google Sketch-Up
- Basic Javascript
- Basic Front-End Web Development