

Jacob L. Hughes

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Education:

University of Pittsburgh, Pittsburgh, PA Bachelor's of Science, Engineering Physics (8/2008-05/2013)

Experience:

Campaign Specialist – Liam O'Mara For Congress (1/2020-Current)

- Provide assistance to the campaign manager and the candidate in the form of project management, scheduling, logistics, and planning of campaign events
- Provide general technical assistance to volunteers during outreach operations such as phone banking after learning software in depth and creating guides
- Extract data from PDI for cleanup and analysis using Python and SQL to provide information and support to the campaign
- Analyze the effects of ballot campaign and digital operations by maintaining and reporting trend data
- Develop and maintain network of political and media contacts for the candidate via various social media

Director of Sales Engineering – MTL Distribution, Corona, CA (6/2016-Current)

- Establish and reach certification in ISO 9001:2015 from zero compliance as well as create all documentation and establish metrics including KPI
- Apply LEAN principles to redesign warehouse layout in order to reduce overlap of departments
- Implement new ERP system and use new capabilities to design and maintain BI reports using SQL, Java, iReport, Python, and Tableau
- Grow sales accounts through increased efficiency as well as by providing technical and logistics support due to previous experience with soft magnetics

Sales Engineer – Magnetics, Pittsburgh, PA (2/2013-1/2016)

- Design and manufacture magnetic cores and wound solutions for industrial and commercial applications
- Establish strong relationships with customers in both a sales and technical support role
- Take an active role in qualifying new parts and materials to increase business and expand market capabilities
- Present technical discussions on proper design and use of Magnetics' cores at trade shows

Project Engineer – Resetarits Construction Corporation, Buffalo, NY (4/2012-8/2012)

- Assist Project Manager with review of submittals for construction and demolition of multiple job sites
- Verify shop drawing dimensions for appropriate manufacturing
- Gather dimensions and draft partial building plans for Architect
- Work with Project Superintendent and Subcontractors to coordinate labor

Interests:

Health and Nutrition - Crossfit Corona, Corona, CA (02/2018-03/2020)

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

Certifications:/Personal Projects

- Lead Auditor: Integrated Management Systems (Quality–Environment–OH&S 45001)
- Master Certificate in Business Management
- Jacoblhughes.com (HTML, PHP, CSS, Javascript) Evidentfitness.com & App – Django, DRF, React-Native

Skills:

- Quality Management, Root Cause Analysis, Quality Inspection, Microsoft Office, Python, HTML, CSS, SQL, Tableau, Advanced Excel