

# Jeremy D Smith

Cross-disciplinary engineer with years of experience driving profitable growth in challenging, competitive markets. Decisive, solutions-focused, and results-oriented. Passionate about building and growing a company's CAD library, design integrity, and processes. Solid manufacturing knowledge & technical background that adds substantially to the bottom line.



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## EMPLOYMENT

2017 – 2019 <b>ENGINEERING MANAGER</b>	SPG INTERNATIONAL - Denver, CO Grew the department and product lines with an eye toward standardization and streamlining customer requests for customization. Implemented advanced CAD techniques to drive library capabilities. Fostered an atmosphere of learning and continuous improvement. Collected and analyzed data to rationalize complex business decisions. Powered the transfer of information from the customer to the manufacturing floor. Increase profits.
2013 – 2016 (1 Promotion) <b>SEN. MECH ENGINEER PROJECT MANAGER</b>	PINNACLE ARCHITECTURAL LIGHTING - Denver, CO Authored and promoted engineering best practices. Rationalized CAD library, network storage and document control process. Ran projects for new and existing product expansions, met deadlines, and ensured budget requirements. Implemented ERP, SolidWorks, and submittal program integration during company-wide system upgrade. Delegated cross department tasks and deliverables for new product launch. Responded to shop floor issues and vendor requirements.
2012 – 2013 <b>OPERATIONS MANAGER</b>	SMITH & BETA, LLC - Boulder, CO – Family run startup Led refinement of processes, software infrastructure, and development of IP related assets to ensure continued growth in talent development category. Designed functional specifications for company proprietary IT tools including main database containing clients, classes, teachers and library of content. Expanded project management tools, processes, and approach including expansion into new global markets. Established web, SEO, content marketing, and IT systems.
2010 – 2012 <b>PRODUCT ENGINEER</b>	PACIFIC OZONE TECHNOLOGY, INC - Benicia, CA Modeled and drafted a large variety of parts and assemblies. Provided expertise in mechanical design, product development, engineering and document control. Consulted on matters such as quotes, sales capabilities, technical specifics and manufacturability. Manage ECN process and “redline” feedback loop with Production to better facilitate DFM and modular assembly.
2006 – 2009 (2 promotion) <b>LEAD MECH. ENGINEER SOFTWARE DEVELOPER</b>	ESS/METRON, INC - Denver, CO Programmed the software quoting systems for all product lines, including Low Voltage Switchboards, Medium Voltage Switchgear and Packaged Pumping System. Applied JIT manufacturing processes to support workflow of in-house manufacturing facility. Created all drawings and submittal packages for customer approval. Coordinated structural/FEA reviews.
1999 – 2006 <b>MECHANICAL ENGINEER</b>	FLUID DYNAMICS, INC - Boulder, CO – See LinkedIn profile

## LEADERSHIP IMPACTS

- Established and maintained project Gantt charts, deliverables, and schedules
- Coordinated multiple avenues of data including drawings, BOM's, ERP, and documentation to promote entire department function
- While acting as CAD Administrator, modeled over 1500 parts and assemblies focusing on standardization and reusability
- Designed sheet metal fabrications, piping assemblies, skids, extrusions, molded parts, and P&ID's
- Developed multiple product configuration programs to generate Bill of Material's, cost, labor, gross margin and pricing
- Developed all designs for new and existing projects, including adherence to GD&T and other standards
- Maintained an up-to-date accurate library of engineering materials, including cut-sheets, installation manuals, catalog and supplementary information
- Reviewed thousands of specifications, managed bids and system integrations
- Overhauled department PDM, Vault, and ECO process
- Lead team member for new year long ERP system transfer project
- Conceived and created multiple SharePoint forms and tools.

## EDUCATION

Lehigh University	BS, Mechanical Engineering
State of PA	EIT, Mechanical Engineering

## CERTIFICATES

Six Sigma – Lean Expert	Scrum – Certified Scrum Product Owner
PMI – Project Management Fundamentals	AWS – Cloud Practitioner

## TECH SKILLS

<b>CAD</b>	<b>ERP</b>	<b>DB</b>	<b>Code</b>	<b>Misc</b>
Solidworks	Epicore	MS Project	.NET	InDesign
Inventor	Styline	MS SQL	HTML/CSS	Illustrator
Creo/Pro-E	SAP	Access	NodeJS	Visio
PDM	Syspro	Excel	Lambda/API	Sharepoint

## FUN STUFF

Rock climbing, skateboarding, foodie, cinephile, 3D printing, cryptocurrency