

# KHALED ALHARBI

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## Education

University of South Florida | Tampa, FL | 12/2024  
Bachelor of Science: Industrial Engineering

Pasco-Hernando State College | New Port Richey, FL | 05/2019  
Associate of Arts: General Studies

## Experience

**Mechanical Design Engineer** | Sparkstone Electrical Group - Addison, IL | 08/2024 - Present

- Designed medium-voltage switchgears (15 kV–38 kV), creating 2D drawings in AutoCAD, and 3D models in Inventor for precise manufacturing.
- Supported manufacturing by overseeing production, troubleshooting design issues, and ensuring efficient assembly processes.
- Improved design efficiency and manufacturability, ensuring compliance with industry standards while collaborating with engineers and production teams
- Led continuous improvement initiatives by analyzing product performance and implementing design enhancements, collaborating with R&D to develop innovative switchgear solutions

**Engineering Intern** | Sparkstone Electrical Group - Addison, IL | 05/2024 - 08/2024

- Utilized AutoCAD to create and optimize facility layouts, improving workflow and efficiency.
- Developed both 2D and 3D models for product designs, collaborating with the engineering team to refine concepts and specifications.
- Played a key role in enhancing inventory management by assisting in creating a systematic approach to track and manage supplies effectively.

**Customer Supply Chain Support** | Fastenal - Lutz, FL | 05/2021 - 02/2022

- Monitored supplier performance to ensure quality standards were met while reducing the amount of time that usually takes 5-7 days to deliver to 2-3 days.
- Coordinated transportation activities between vendors, customers and distribution centers.
- Developed and implemented supply chain strategies to optimize inventory control, warehouse management, order fulfillment and logistics.

## Skills

- AutoCAD
- SolidWorks
- Inventor
- Quality Management
- Vault
- NetSuite
- Bilingual: English & Arabic
- ISO 9000/14000
- Continuous Improvement
- Project Management
- SQL
- Microsoft Office Applications: Word, Excel, PowerPoint, & Outlook