

MATTHEW EICHENFIELD

Product Manager



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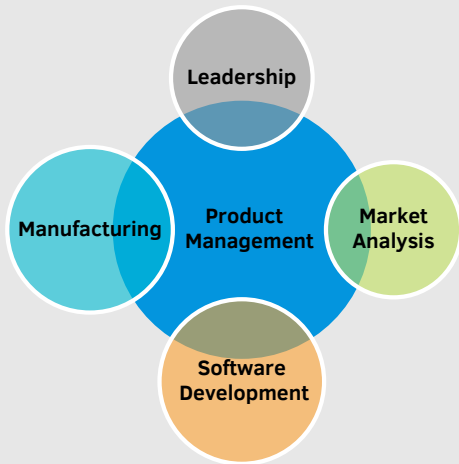
/in/mattheweichenfield



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Technical Skills

Overview



Skills

MS Excel • PowerPoint • Word

Source Control • JIRA • Confluence

Python • SQL • C# .NET • AWS

Education

Bachelor's Computer Science

Minor: Philosophy

Hamilton College

2005 - 2009 | Clinton, New York

University California San Diego

Project Management Boot Camp - 2018

Components and Design Techniques

for Digital Systems - 2007

Profile

Product manager with 9 years experience developing software and hardware solutions for the transportation sector. I have run multiple projects from initial research and development concepts to full product release. In my current position, I am primarily responsible for coordinating a multinational engineering team, designing and building variable message signs for highway use. I am also responsible for product compliance to state and federal standards for traffic signals.

Experience

Sep 2015 - Present **Sign/Signal Product Manager**

McCain Inc.

- Product Development: Transportation Software and Hardware.
- Supervise product and engineering team for variable message signs and traffic signals.
- Coordinate software product development schedule, testing, and compliance to federal standards.
- Review all aspects of the manufacturing process, including punching, welding, die-cast, injection molding, powder coat and painting operations, as well as electronics assembly and testing.
- Coordinate international sourcing from Swarco B2B and 3rd party vendors.
- Guide product research and development strategy.

Jan 2014 - Sep 2015 **Senior Systems Engineer**

SWARCO

- Senior Systems Engineer for Swarco's US Parking Guidance Solutions.
- Evaluated all Parking Guidance Projects, sourced internal and 3rd party solutions, and guided project pipeline.
- Designed signage for corporate campuses across the globe.
- Provided Technical Analysis / Solution Design during Bid Preparation and Project Execution.
- System Design: VMS and Parking Guidance Software and Hardware.
- Performed Product Design, Development, Integration, and Testing.
- Programming: Rapid Prototyping and Proof of Concept.

Oct 2009 - Jan 2014 **Parking System Engineer**

McCain Inc.

- Product Engineering: McCain Parking Guidance Software and Hardware.
- Product Development: Lead Systems Designer for McCain's Parking Guidance Solutions.
- Project Management: Evaluated all Parking Guidance Projects and Guided Project Pipeline.
- Programming: Transparency Central Software. 3rd Party API Integration. Web Applications.
- NEMA 3TS Parking Systems TC Voting Member.

Key Projects

- Product Development - Caltrans AVMS 700 - Statewide, California
- Project Manager - San Diego Regional Proving Ground I-15 - San Diego, California
- Product Development - Swarco Futurit Sign Technology & Software
- Manufacturing - Swarco Production Facility Migration - Tijuana, Mexico
- Quality Assurance Manager - Campus Wayfinding and Roadway Signage Apple Park - Cupertino, California
- Project Manager - Streetline Parking Guidance Sensor Integration Facebook 1 Hacker Way - Menlo Park, California
- Project Manager - ExxonMobil Houston Campus Parking Guidance - Spring, Texas