Mian Fu

mianfu27@gmail.com
+1 864 722 3082

PROFILE

Cross-functionally worked as a Lighting Product Engineer as well as a Design-perceived quality engineer, independently managed several different Automotive Lighting projects.

SKILLS

GD & T
Plastic parts optimization
Lighting tests

LINKEDIN

https://www.linkedin.com/in/mian-fu-4213ab76/

EXPERIENCE

IT Apprentice-UX Designer | Dow Chemical Company

- 08.2023-Present, Midland, MI

PQ Engineer | Renault Automotive Co.

10.2016-10.2017, Wuhan, China

- Successfully oversaw multiple automotive projects, resulting in the resolution of quality challenges and significant contributions to tasks like supplier auditing and process enhancement.
- Acted as a key liaison across various functional teams, facilitating effective collaboration, and developed expertise in competitive benchmarking activities while streamlining the local company's quality validation process.

Exterior and Lighting Engineer | Renault Automotive Co.

06.2014 – 09.2016, Wuhan, China

- Assumed responsibility for overseeing the complete lifecycle of two automotive lighting projects, including tooling, production, and management of product quality evaluation systems, test methodologies, and cost reduction initiatives.
- Collaborated seamlessly across functions as a quality engineer, excelling in resolving issues efficiently even under stringent scheduling constraints.
- Successfully met key performance indicator (KPI) targets for project perceived quality and conducted comprehensive supplier audits throughout project management.
- Established productive partnerships with sourcing, manufacturing, and supplier teams, demonstrating strong communication skills and a knack for promptly addressing production challenges.

Laboratory Technician | University of Central Florida

07.2013-01.2014, Orlando, FL

- Pioneered innovative compositing techniques for material preparation, showcasing a high degree of analytical acumen when tackling complex issues.
- Implemented diverse testing methods to investigate composite materials' physical and electrical properties, highlighting a versatile approach to research and analysis.

Research Assistant | University of Central Florida

08.2011-06.2013, Orlando, FL

- Conducted in-depth research into the interdiffusion phenomenon within Aluminum and Iron/Alloy metal systems.
- Employed a variety of testing methods to analyze microstructures, elucidating alloy formation mechanisms following heat treatment.

EDUCATION

University of Central Florida | Master of Science in Materials Science and Engineering

08.2011 -12.2013, Orlando, FL

Shandong University | Bachelor of Science in Materials Science and Engineering

08.2007 -06.2011, Jinan, China