

EXPERIENCE

AUTOMOTIVE PRODUCT ENGINEER

Philadelphia, PA

09/2016 – present

- Work with NVIDIA quality department on DPPM improvement
- Work with sales teams and customers during design phase to debug and perform FA on customer issues
- Work closely with NVIDIA engineers and program managers on production issues
- Perform board failure analysis down to component level
- Provide root cause and corrective action in a timely manner
- Working knowledge of advanced test equipment (oscilloscopes, logic analyzer, etc.)
- Work with NVIDIA engineering teams to debug customer issues to component level

AUTOMOTIVE SYSTEMS ENGINEER

Boston, MA

01/2011 – 07/2016

- Contributing to new product definition, from concept to full specification, to address a new emerging application in the VDS market space
- Working with other systems engineers and design groups to establish the correct features in each sub-system and overall SoC to achieve the overall product goal
- Performing simulation and benchmarking of existing MCUs and virtual prototypes – to guide the specification of future products
- Developing pre-silicon platforms to allow customers to start developing their solutions from existing silicon and/or FPGA
- Building proof-of-concept demos to show off the features and benefits of our products
- Customer support, to help them use our products to achieve their system level goals
- Naturally structured and diligent, self motivated

AUTOMOTIVE ENGINEER

San Francisco, CA

11/2003 – 08/2010

- A collaborative approach to working
- 20%: Information Management
- 10%: Cooperation with Quality Management (QM) team
- 20%: Management of approval process
- To support tire development engineers with latest information including:
- Overall Continental product performance
- 20%: Support of tire development

EDUCATION

NORTH CAROLINA STATE UNIVERSITY

Bachelor's Degree in Electrical

SKILLS

- Excellent time management skills
- Strong analytical and decision making skills
- Computer proficiency in Microsoft Windows, Outlook and Microsoft Office Programs
- Excellent written and verbal communication/presentation skills and demonstrated experience communicating technical information
- Excellent verbal and written communication skills
- Working Knowledge of Google Applications
- Have establish contracts with automotive customer base