

# **Wilson Botsford**

275 Denis Crescent, New York, NY ♦ Phone: +1 (555) 834 8740

---

## **EXPERIENCE**

### **ENTRY LEVEL ELECTRICAL DESIGN & ANALYSIS ENGINEER**

#### **Phoenix, AZ**

12/2014 – present

- Assists in providing engineering support throughout the lifecycle of the product
- Assist in the development and documentation of electrical design modifications
- Assists in development of electronic architecture and detailed specifications for various electronic products
- Developing, and testing new designs
- Works under close supervision
- Provide alternatives for aging electronics to the customer
- Works under close to general supervision

### **HIGH VOLTAGE ELECTRICAL ENGINEER ENTRY LEVEL**

#### **Los Angeles, CA**

10/2011 – 07/2014

- Develop in-vehicle EDS solutions on future model year Electrified programs
- Responsible for leading the team comprised of Tier 1 and Tier 2 suppliers, and multiple internal interfacing teams; Purchasing, Quality, Manufacturing, Program Attribute and Vehicle teams, as well as other interfacing component systems
- Lead technical interface between CAD and CAE and manage quality foundation documents including DFMEA, SDS, DVP&R
- Sign-off of the design & performance of component/systems relative to technical objectives (DVP&R, quality, weight, function, cost, timing and regulatory/FMVSS) that supports Ford development milestones
- Manage supplier interface in the development of new vehicle component designs
- Lead Phased PPAP process support through supplier visits and sign off
- Support prototype builds and launch of vehicle programs at local facilities

### **ENTRY LEVEL ELECTRICAL ENGINEER**

#### **Houston, TX**

11/2006 – 09/2011

- Assist in developing policies, standards, preventive maintenance procedures and tasks and operating procedures
- Assists in the development of electronic architecture
- Gathers data to assist in the development of electronic product specifications
- Improve productivity by leading electrical distribution and controls related projects
- Function as technical interface for customers including developing specifications with clients
- Support plant and Operational and Maintenance Excellence goals, including continuous improvement / Lean manufacturing initiatives
- Develops design review materials

## **EDUCATION**

### **EAST CAROLINA UNIVERSITY**

#### **Bachelor's Degree in Electrical Engineering**

## **SKILLS**

- Proficient in Microsoft suite of tools
- Basic use of oscilloscope, multi-meter and other lab equipment
- Experience programing in C# or C++
- Experience in electrical design through internships and/or projects
- Use of Unigraphics or other drafting CAD tools, DxDesigner
- Project management skills and communication skills
- Experience with the Xilinx Zynq family of FPGAs
- Experience with software defined radio development
- Experience working with ARM microprocessors