

IZABELLA HARVEY

162 Camryn Garden, New York, NY • +1 (555) 359 9770

WORK EXPERIENCE

SENIOR ELECTRICAL HARDWARE ENGINEER

10/2015 - PRESENT

Detroit, MI

- Designs and develops electric or electronic equipment, components and circuits from concept through prototype. Plans and oversees the installation and maintenance for new and existing products
- Develops qualification and verification test procedures. Oversees and conducts error testing of systems and circuit designs. Provides highly complex product support as appropriate by isolating faults and resolving design issues
- Ensures electrical designs comply with product specifications. Verifies designs are implemented with accurate consideration for power management, grounding, system interfaces, etc
- Ensures product compliance with approval agencies and electrical safety standards. Participates in reviews with various governing agencies for code compliance
- Performs cost analyses and reviews vendor capability to support product development. Recommends product specifications and component selection. Oversees the activities of subcontracted technical services
- Researches new technology and/or development tools to remain informed of current technology. Recommends changes to current processes as appropriate
- Innovate product design using new concepts, materials and methods
- Manage a design project from beginning to end properly allocating limited resources throughout the process
- Calculate proposed product costs

ELECTRICAL HARDWARE ENGINEER

08/2008 - 08/2015

Boston, MA

- Cost optimization, value Engineering
- Support product line development for programs and IRAD projects
- Utilize skills in RF and analog circuit design
- Expand your basic analytical and hardware design and troubleshooting skills
- Contribute as a member of a project team in defining requirements, planning and executing project plans, participating in design reviews and supporting production release of modified or new products
- Interface with business development, project engineering, proposals, manufacturing, quality, production and customer service to support all aspects product development
- Complete project goals with guidance and mentorship from our experienced staff
- Own a subsystem or key component's development and integration during the product execution, prototype, and validation stage. Ensure the subsystem/component's performance and quality meet internal specification and relevant industry standard
- Experience in NB x86 system

ELECTRICAL HARDWARE ENGINEER INTERN TEMPORARY

02/2003 - 02/2008

Philadelphia, PA

- Interface with vendors to accurately estimate product costs and obtain alternate components if necessary
- Interface with other departments to obtain and fulfill product requirements
- Consult Product Managers on new products
- Work closely with other engineering teams to assure system design goals are achieved
- Design in accordance with ISO9001 and company standards
- Review designs and schematics to ensure quality and reliability
- Test designs both in-house and with third parties to assure that designs meet requirements
- Provide customer support as required
- Experience with designing, testing, and/or manufacturing of electrical hardware required

EDUCATION

DEVRY UNIVERSITY

1998 - 2003

Engineer's Degree in Electrical Engineering

PROFESSIONAL SKILLS

- Strong critical thinking / problem solving skills
- Excellent written and verbal skills in English for responding to RFP's and customer presentations and correspondence
- Strong communication skills for presentation of findings to management
- Strong interpersonal skills, tenacity and patience to develop long-term customer relationships
- Strong fundamentals in basic electronics engineering with good analytical and problem solving skills
- Self-motivated individual, results oriented and strong follow through skills
- Support the sourcing, manufacturing, and validation teams during prototype, production, validation and field issue resolution activities