

WORK EXPERIENCE

ELECTRICAL ENGINEER INTERN / CO-OP08/2016 - PRESENT

Boston, MA

- Technical skills complimentary to your field of interest
- The ability to work in a highly collaborative team environment
- The capability to be highly organized and detailed
- Presentation skills using PowerPoint helpful
- Help ensures creation of assembly, detailed drawings, and preparation of bills of material; as well as development of specification sheets, procedures, instructions, and other technical data
- Gain familiarity working directly with outside contractors to procure quotations, plan and execute implementation, startup, and commissioning of projects
- Build resources to assist Maintenance on repair of electrical systems on a routine and emergency basis
- Develop advanced systems, controls, and technology: products, parts, specifications, algorithms, circuits, etc... in a timely and effective manner to ensure quality, customers, and cost objectives are met

SYSTEM / ELECTRICAL ENGINEER INTERN07/2009 - 07/2016

San Francisco, CA

- Collects, analyzes, and interprets data, develops engineering computer programs, and designs basic circuits or components
- Performs accurate analysis of product performance, making appropriate recommendations as needed to improve product quality, performance, cost, and reliability
- Participates as a member of a project team to ensure projects are completed according to the Product Development Process. This includes completing each PDP Phase by completing assigned engineering requirements such as: Design Reviews, Specifications, DFMEA's, DEFAM's, Test Plans, etc...
- Learn to use business systems to design, procure, commission, and document automated material handling systems
- Engineer systems to meet requirements of industrial guidelines including UL, NEC, NFPA, and OSHA
- Experience with industry standards, building codes and safety standards
- Experience with MS Word, Excel, Powerpoint, and Adobe Acrobat
- Checking in inventory
- Assembling drawings for submittal

ELECTRICAL ENGINEER INTERN09/2004 - 02/2009

Detroit, MI

- Strong electronic debugging and computer skills
- Conducting assigned Engineering / Commissioning activities in support of System Engineering tasks
- Assisting Engineers in developing engineering solutions & responses to requests raised by Production, Projects,
- Commissioning Group, Quality Assurance & Supply Chain teams
- Collaborating with other engineering specialists & staff throughout Thales Canada in progressing assigned tasks & facilitating efficient verbal & written communications
- Ongoing research & knowledge development of ship design & build, as well as on topics in marine environment
- Assisting with project planning, execution & engineering research as assigned
- Travel & work at various Thales Canada / customer locations
- A GPA of 3.2 or above; 3.0 or above for working students

EDUCATION

CALIFORNIA STATE UNIVERSITY, FRESNO - LANCASTER UNIVERSITY CENTER1998 - 2003

Engineer's Degree in Electrical Engineering

PROFESSIONAL SKILLS

- Strong people skills and the ability to manage multiple and changing priorities
- Desired majors, interpersonal skills and technical skills
- Effective communication skills (verbal and written; including presentations)
- Electrical aptitude and problem solving skills
- Have a high level of interpersonal skills
- Experience using the Microsoft Windows operating system in conjunction with the following Microsoft Office modules: Excel, Outlook, PowerPoint, Word and Visio
- Previous internship experience in an Aerospace company; in Electrical Engineering; and/or Facility Engineering