**SUMMARY**

Considerable experience in the construction of many varied projects, including infrastructure, waste water, industrial, highways and power transmission. Fred is committed to getting the job done right the first time and holds the clients interest number one, while bringing projects and tasks to completion under budget and on time. Fred is looking for employment in a friendly open environment where he can further his knowledge and skills.

**CORE COMPETENCIES**

Construction Management, Electrical Designer, CAD Designer, Casework Designer, Project Management.

**PROFESSIONAL EXPERIENCE**

# Civil Engineer Intern

## ABC Corporation ­ January 2008 – April 2008

**Key Deliverables:**

* Manages highway construction projects.
* Writes weekly meeting minutes, assists in responding to RFIs, and processing submittals.
* Monitors progression of project and contractors construction practices and its environmental impacts.
* Performs field sampling and testing of soils and aggregate, and concrete and asphalt units.
* Implements integrated materials and construction practices for concrete pavements.
* Reviews and implements specification or scope of highway construction project.
* Reviews civil engineering work performed by others to ensure compliance with requirements or specifications.

# Civil Engineer

## Trihydro Corporation, Infrastructure And Government Business Group ­ 2006 – 2008

**Key Deliverables:**

* Project Engineer for an earthen dam in north­central Wyoming.
* Include design of the embankment structure, hydraulic analysis, design of channel improvements, and storage capacity analysis.
* Design Engineer responsible for preparing the design, construction plans, contract documents, regulatory permits, and specifications packages for multiple utility projects; including domestic water transmission, sanitary sewer, and storm water pipelines, as well as sanitary sewer lift stations.
* Field Engineer for a groundwater underdrain modification project to replace water in a small reservoir, located in central Wyoming, affected by mining activities.
* Construction inspector for the installation of water and sanitary sewer distribution lines, and flexible pavement.
* Design Engineer for multiple land development projects.
* Included site grading, storm water control, road design, hydrologic and hydraulic modeling, and contract document preparation.

**EDUCATION**

Master of Science in Electrical Engineering ­ January 2010(University of Hawaii at Manoa ­ Honolulu, HI)