

CHRISTOPHER HERMAN

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CRB BUILDERS

Swiftwater, PA

Dec 2014 - Jan 2015

Project management intern at Sanofi Pasteur Pharmaceuticals during construction of manufacturing facility for the dengue fever vaccine. Ran construction submittals, updated construction schedule, and edited cost reports. Ensured construction drawings were current to most recent edition. Developed cost and labor projections for remainder of job.

FUTURA INDUSTRIES

Clearfield, Utah

May 2014 - Sep 2014

Electrical engineering intern at an aluminum extrusion plant. Programmed Alan Bradley PLC for quality control system. Programmed Red Lion HMI for heat treat oven interface. Built an operator control panel for an automated bender. Installed and interfaced analog pressure sensors for air quality monitoring and recording. Technical problem solving.

HITECH CONTROL SYSTEMS

Green Bay, Wisconsin

May 2013 - Sep 2013

Electrical engineering intern with clients including Procter & Gamble, Menasha Corporation, Sargento, Arla Cheese, A&B Process and Valmet/Metso.

Converted logic diagrams from Siemens S5 to Siemens S7. Programmed operator interface for cheese making process. Programmed and started up stretch wrapping equipment. Troubleshooting projects included cheese making system and a water delivery system for use with cheese blending recipes.

GRADUATE RESEARCH, UTAH STATE UNIVERSITY

Logan, UT

Fall 2014

Conceptually tested controls stability of unmanned motorized platoons from outside interventions.

COLLEGE / OTHER ACTIVITIES

USTAR Junior Analyst

MBA Recruitment Officer

Resident Assistant for 3 Graduate Student Housing Units, with 72 residents

Teaching Assistant for 114 students in a Market Research Course

Sigma Chi Fraternity

Utah State Basketball Team

Institute of Electrical and Electronics Engineers

Dominican Student Association

Antique dealing – 17th/18th century New England Antiques

EDUCATION

Utah State University

*Master of Engineering, 3.57,
Electrical Engineering*

MBA, 3.77,

*B.S. Electrical Engineering
(With Spanish & Math Minors)*

Universidad de La Rioja

Logroño, Spain

Spanish language coursework

Universidad APEC

Santo Domingo, Dominican Republic

Spanish language coursework

SOFTWARE EXPERIENCE

- C++
- Python
- LaTeX
- Java
- MATLAB
- Spice
- Ruby

TECHNICAL EXPERIENCE

- PLC Programming
- PCB Layout and Implementation
- Schematic Design
- Signal Analysis
- HMI Integration
- Electrical Auto CAD
- Sales Proposal Technical Research & Estimating

SCHOOL PROJECTS

- Electric Bike
- Automated Bartender
- Line-Following Robot