Christopher U. Herman

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EDUCATION

Utah State University

Master of Business Administration   3.77, May 2016
Jon M. Huntsman School of Business, Logan, UT
Concentration: Strategic Business Development and Venture Creation

Master of Engineering, Electrical Engineering   3.57, May 2016
Concentration: Unmanned Autonomous Vehicles and Controls

Bachelor of Science, Electrical Engineering   May 2014
Minors: Mathematics and Spanish

COMPUTER SKILLS

Languages & Software: C++, HTML/CSS, Ladder Logic, LaTex, Matlab, Python, Ruby, Spice, SQL

Technical Experience: PLC Programming, PCB Layout and Implementation, Microcontroller Programming, Android App Development, Website Development

EXPERIENCE

Electric Bicycle - University Project   **Spring 2015**
- Programmed Arduino controller to accept user inputs
- Developed boost converter, 3-phase inverter, and corresponding control systems

Project Management Intern - CRB Engineers   **Dec 2014 - Jan 2015**
- Ran construction submittals, updated construction schedule, and edited cost reports
- Developed cost and labor projections for a $30 Million project using MSProject to ensure deadlines were met and estimate remaining budget

Electrical Engineer Intern - Futura Industries   **May 2014 - Sep 2014**
- 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

Automated Bartender - University Project   **Sep 2014 - May 2015**
- Developed Android application to send drink selections to bluetooth module
- Programmed Mbed controller to control valves, sensors, and motor of the system
- Layed out and implemented PCB using Altium

Line-Following Robot - University Project   **Spring 2014**
- Programmed an ARM micro-controller to accept inputs from an infrared emitter/detector array and control the PWM of the differential steering

Electrical Engineer Intern - HiTech Control Systems   **May 2013 - Sep 2013**
- Programmed operator interface for cheese making process using FactoryTalk
- Programmed and started up stretch wrapping equipment using RSLogix 5000
- Troubleshooting projects included cheese making system and a water delivery system for use with cheese blending recipes

EXTRA-CURRICULAR ACTIVITIES

Junior Analyst, USTAR	Nov 2015 - May 2016
MBA Recruitment Officer, USU	Jan 2016 - May 2016
Resident Assistant for 3 Graduate Student Housing Units with 72 residents, USU	July 2015 - May 2016
Teaching Assistant for 114 students in a Market Research Course, USU	Aug 2015 - Dec 2015
Sigma Chi Fraternity, Gamma Kappa Chapter	2010 - Present
Institute of Electrical and Electronics Engineers (IEEE)	2011 - Present