

MICHAEL BUTLER

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EXPERIENCE

Project Electrical Engineer

Bouchard 2015 - Ongoing Seattle, WA

Bouchard is an engineering services company. The company provides design, engineering, manufacture, maintenance and project management services to the government-owned facilities.

- Prepared and fully implemented Building Management Systems for over 30 large private and industrial contractors
- Provided 80% of technical data on electrical design requirements of existing and new projects
- Completed / handed over of 9 commercial and residential projects
- Trained 5 electricians to join the team

Electrical Engineer & Site Supervisor

Ledner Group 2014 - 2015 Seattle, WA

- I perfected an engine test that reduced engine pulls in final assembly by 50%
- Reduced electrical car-dumper breakdown in 27%
- Involved in the production of 1100 Hawkei vehicles
- Assigned in Elektrotechnik Handling Technology department during a 6 months internship

Electrical Engineer

Padberg 2010 - 2014 Seattle, WA

- Nano satellite design, implementation, test and mission execution for 7+ executed missions
- Implemented embedded Ubuntu on dual core ARM A9
- Developed Linux scripts and C code (I2C for PWM motor control)
- Developed code for 16-bit RISC processor focusing on system reliability and low power operation

Project Electrical Engineer

Harvey 2008 - 2010 Seattle, WA

- Managed the installation of an instrumentation and automation system for a 2000-ton HVAC plant
- Compression and Pipeline based in Charlie Lake (2014-2015) and Savona

Electrical Engineer

Harvey 2006 - 2008 Seattle, WA

Harvey is a construction and industrial assembly company in petrochemicals and power generation.

- Achieved batch control process automation with S7-300 PLC
- Commissioned more than 300MW of solar power in 3 different continents
- Project Manager at Petrobras unit FAFEN for expansion of the compressed air system (US\$ 12 Million)

EDUCATION

Bachelor of Electrical Engineering

Seattle Pacific University

2004 - 2010

MOST PROUD MOMENTS

Market leader

From 2010 to 2014 the hSystem has been the most sold control system for aluminum mill in China despite we were facing far bigger competitor.

Innovation

Introduced some new technology in my current company such as a remote assistance system, virtualisation and a source code control.

Fast implementation

From November 2014 to April 2015 my team and I were able to commission and get the acceptance for 4 systems in less than 6 month saving 15 % of the man-day forecast.

SKILLS

Software

Python C++ Visual Studio
Data Acquisition PLC Ladder Logic
Excel Tool Development VMware

Hardware

Electrical Circuits Oscilloscope
Schematic Entry Digital Multimeter
Microcontrollers PCB Layout
Ethernet IP