

# CARLA JENSEN

## Senior Electrical Engineer

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### EXPERIENCE

#### Project Electrical Engineer

##### Bouchard

■ 2015 - Present • Seattle, WA

- 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

- Perfected an engine test that reduced engine pulls in final assembly by 50%
- Reduced electrical car-dumper breakdown in 27%
- Participated in 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

- 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)

### 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, virtualization 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 forecasted time.

### 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

### EDUCATION

#### Bachelor of Science Electrical Engineering

University of Washington

■ 2002 - 2006