

Adrian Day
135 White Sands Dr
Meridian, ID 83646
208-515-2038

theadrianagency@gmail.com

Experience Summary

- Designed, engineered, drafted, sold and installed solar power systems.
 - 01 Electrical Administrator, 03 Electrical Journeymen and 03 Plumber, all in Washington State.
 - Experienced in electrical service design and installation including electrical panels according to state laws and the NEC.
 - Strong experience in AC electric motor rebuilds including data collection, redesign, single and 3-phase connections and installation.
 - Well versed in machining, fabricating, welding, deep well turbines, centrifugal pumps, bearings (tapered, radial, spherical, etc), alignments, heavy machinery, crane operation and mechanics.
 - Experienced in team participation and management, customer service, time management and project management.
 - Created filters, programmed FPGA's, MATLAB design and simulations, designed and created control systems, built and tested many breadboard circuits, used oscilloscopes, signal generators and multi-meters. All through BSU.
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Education

B.S., Electrical Engineering, *Boise State University*, Boise, ID *in progress*
Current GPA of 2.8
A.A.S., General Studies, *Big Bend Community College*, Moses Lake, WA *2009*
Graduated with a 2.7 GPA

Professional Experience

Designer – *Altenergy Incorporated*, Boise, ID *5/12 – 9/12*

- Engineering photovoltaic power systems from 0.48kW to 100+kW
- Drafting solar system packages including PV and solar thermal systems.
- Designing to NEC code and state regulations.
- Pricing, quoting, bidding and completing all job documentation.
- Installation of local residential PV systems.

Electrician – *D&D Electric Motor Service Inc*, Moses Lake, WA *8/03 – 6/09*

- Primary license holder in which this company operated under so I was responsible for permit orders, electrical installations and inspections.
- Responsible for motor redesigns and rebuilds including data collection, coil design, coil installation, connection design, disassemble and reassemble mechanics and field installations. This also included electrical service and pump installations on job sites.
- Coordinated job projects between upper management, employees, contractors, subcontractors and customer(s).
- Member on the Board of Directors.

Card Dealer – *Papa's Casino*, Moses Lake, WA *10/98 - 5/04*

- Card room dealer.
- Customer service.

Computer Skills

Office • MATLAB • Simulink • Java • Assembly • LTSpice • Eagle
• SketchUp / Layout • C • Xilinx • Power World • AutoCAD • *Many more...*