

Aaron D. Minard

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Education:

Vermont Technical College

- Bachelor of Science in Electromechanical Engineering Technology
 - Senior Project: Automated Satellite Tracker for Radio Communication
- Associate of Engineering Degree in Electrical Engineering Technology
 - Senior Project: FM Transmitter and Receiver
- 3.0 GPA

Experience:

Burlington Electric Department Burlington, VT. February 2013 – June 2015

Engineering Technician - Communications

- Design, install and maintain microprocessor based controllers, supervisory control remote terminal units, and utility device control systems.
- Review new projects to develop implementation strategies.
- Configure, install and maintain voice and data telemetry equipment.
- Maintain electrical and electronic test and personal protective equipment.
- Operate power generation equipment (Gas turbine, Diesel generators, etc.).
- Ensure that switching, tagging and work activity conform to safety rules.
- Design, install and maintain fiber optic networks end-to-end.

Vermont Technical College Williston, VT. Jan 2013 – May 2015

Adjunct Faculty - Computer and Electrical Engineering Department

- Develop new course and testing materials for new and existing courses.
- Facilitate class and laboratory instruction.
- Evaluate student performance and provide feedback to students and college.

Microprocessor Designs, Inc. Shelburne, VT. February 2012 – February 2013

Development Engineer

- Analyze engineering designs, motor controls, instrumentation, and data acquisition for implementation into new or existing automated testing systems.
- Design and create automated equipment and logging software.
- Troubleshoot hardware design and specify Engineering Change Orders.
- Support test software by upgrading installations periodically with improvements based on performance and customer feedback.

LEDdynamics Inc. Randolph, VT. May 2008 – February 2012

Design Engineer

- Work in R&D department on new and custom products.
- Assess electromechanical systems and components to maintain functionality.
- Compile and analyze data to write reports and make design improvements.
- Investigate customer complaints, determine problem, and recommend remedy.

Skills:

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| • LabVIEW | • C Programming | • Fiber optic circuit testing (OTDR) |
| • PLC Programming | • Mach 3 | • ABB PCD2000 Recloser Control |
| • CNC Machining | • Eagle Cad | • Omicron Relay Test Equipment |
| • SolidWorks | • MySQL | • Fiber optic Splicing |
| • Microsoft Office | • Amateur Radio | • Radio System Installation, Testing |
| • SEL Protective Relays | Operator, General Class | |