

Derek Santiago
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Skills

Proficient in Microsoft Office

Excellent communication skills

Proficient in Solid Works

Attention To detail and ability to multi-task

Proficient in Master CAM

Problem-solving skills

Work History

Mechanical Technician

Brayton Energy NH 07/2020 to Current

- Solid Works CAD Design
- National Instruments Lab View programming and DAQ setup
- 480 Volt motor wiring and configuration
- Hydro pressure testing components
- Heavy equipment operations
- Recuperator testing
- Welding and fabrication

Diesel Technician

United States Army NH 10/2011 to Current

- Maintain wheeled vehicles, their associated trailers and material handling equipment systems.
- Inspecting, servicing, maintaining, repairing, replacement, adjusting and testing of wheeled vehicle and material handling equipment systems, subsystems, and components.
- Service automotive electrical systems including wiring harnesses, and starting and charging systems
- Wheeled vehicle recovery operations.
- Supervise, train, lead, and mentor subordinates.

Flat Bed Recovery

AAA Bow NH 06/2017 to 12/2017

- On site troubleshooting and repair including jump start, fuel delivery, battery replacement, lock out, and flat tire change and repair.
- Vehicle recovery and transportation.
- Communication with customer and dispatch about estimated time.

Diesel Technician

Peterbilt Bow NH 03/2016-06/2016

- Service automotive electrical systems including wiring harnesses and starting and charging systems.
- Inspecting, servicing, maintaining, repairing, replacement, adjusting and testing of heavy over road vehicles.

Lubrication Technician

Valvoline Instant Oil Change Derry NH 04/2015-03/2016

- Checking, refilling, and changing oil and other vehicle fluids.
- Rotating tires.
- Serpentine replacement.
- Headlight and taillight replacement.
- Maintained vehicle fluid and filter inventory.

Education

University of New Hampshire, Manchester NH

- Bachelor of Science in Mechanical Engineering Technology 05/2023

New Hampshire Technical Institute, Concord NH

- Associate in Science in Mechanical Engineering Technology 05/2020
- Associate in Science in Manufacturing Engineering Technology 05/2020

Master CAM University

- 3D Mill Certificate 05/2020
- 2D Mill Certificate 04/2020
- Lathe Certificate 04/2020
- Principles of Machining Certificate 04/2020
- Master CAM Essentials Certificate 04/2020

Military Training

- Wheeled Vehicle Recovery School 05/2016
- Diesel Technician Proficiency Training 04/2012
- Basic Leaders Course 08/2022