

Dalton Smith

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Professional Objective

My professional objective is to pursue my passion for creativity, innovation, efficiency, and problem-solving in the field of mechanical engineering technology.

Education

Bachelor's in Mechanical Engineering Technology (in progress)

New Jersey Institute of Technology - Newark, NJ

September 2019 to May 2022

- Won Sheet Metal Workers' Local Union 28 Scholarship 2020, 2021
- Dean's List Fall 2019, Spring 2020, Fall 2021
- Current Overall GPA: 3.534

Associate's in Mechanical Engineering Technology

County College of Morris - Township of Randolph, NJ

September 2017 to May 2019

- Phi Theta Kappa Honor Society
- Won Sheet Metal Workers' Local Union 28 Scholarship 2017, 2019

Mechanical Engineering

Rutgers University-New Brunswick - New Brunswick, NJ

September 2016 to May 2017

Relevant Coursework

Advanced CAD

Specializing in:
AutoCAD, Inventor
Solidworks
Experience in:
Cura
Sketchup

Computer Programming

Specializing in:
HTML/CSS
Java
Experience in:
Python 3.6

Technology and Computer Applications

Specializing in:
Microsoft Excel, Word, Visual Basic
Google Applications

Manufacturing Processes/Engineering Technology

Experience Manufacturing parts using:

Lathe
Milling machine
Drill press
CNC Router
3D Printer
Laser Cutter/Engraver

Engineering Technology

Took courses involving:

Industrial Statistics
Science of materials
Statics/Dynamics of machinery
Thermodynamics
Fluid Mechanics
Automated control systems (PLCs)
Analog/Digital electronics
Industrial cost analysis

Work Experience

Chimney Sweep

Huff & Puff Chimney Service - Berkeley Heights, NJ
March 2017 to September 2017

Worked full time over the summer of 2017 as a chimney sweep for Huff & Puff Chimney Service. Gained skills in masonry, brick laying, chimney sweeping, construction, and fireplace/chimney liner installation.

Contractor

Badger Contracting - Long Valley, NJ
June 2016 to September 2016

Worked part time as a contractor for Badger Contracting specializing in demolition and renovation. Performed kitchen/bathroom renovations involving cabinetry, plumbing, electrical, and tile work. Installed sheetrock and painted/plastered as well.

Mechanic

Precision Motorsports Racing - Califon, NJ
December 2014 to September 2016

Worked as a mechanic at Precision Motorsports Racing specializing in Porsche, Audi, Volkswagen, and BMW performance work. Performed jobs such as tire changes, wheel balancing, oil changes, engine rebuilding (mostly Audi engine work), brake services, test driving, detailing, and other tasks involving race car prep and trailer service.

Skills

Mechanic (4 years), Construction (2 years), Plumbing (1 year), Electrical (1 year), Masonry (1 year)