

Job Postings

 This is how a student may see your job posting.

Mechanical Engineer/Designer

Position Type

Part Time

Desired Skills

Mechanical Product Design

Hybrid Powertrain System Control Theory

Mechatronics Electrical Engineering

Electrical Machines Mechanical Engineering

Electrical Safety Electric Vehicles

Description

Investigate vehicle battery electric, electric hybrid, and hydraulic system architectures and vehicle design with an emphasis on re-use of Deere components and COTS.

Skills include:

- part design (Creo, sheet metal, surfacing)
- understanding of part fabrication and assembly
- concept vehicle assembly

Important Dates

Posted On:
Apr 26, 2017

Applications
Accepted Until:
May 24, 2017

Verify **your profile**
for accuracy if you
do not qualify for
this position.

Contact Information

Jim Musser
Senior Engineer
225 International
Drive
Morrisville, North
Carolina 27513
United States

musserjim@johndere.com

- vehicle wire harness

Additional skills include:

- wire harness design
- programming (Raspberry Pi, Arduino, Simulink, etc.)
- experience working with stored energy (hydraulics, battery, capacitor, etc.)
- experience operating test instruments (meters, oscilloscope, shunts, etc.)
- read and create electrical and hydraulic schematics

Location

Morrisville, North Carolina


Division

T&U Adv R&D

Desired Major(s)

Engineering

Salary Level

17-20 

Job Function

Engineering



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