**DREAM JOB**

**JOB DESCRIPTION**

Job is located in Grand Rapids, MI.  
  
  
We are immediately seeking 2-3 Controls / Electrical / Electronic Technicians / Engineers for an excellent client company located in Grand Rapids, MI.  
  
This is a Direct Hire position offering excellent pay and benefits and opportunities for advancement.  
  
This position is also 1st Shift.  
  
Ideal candidates:  
-Will possess a 2 or 4-year degree in Controls Engineering, Electrical/Electronic Engineering or related field.  
-Possess 2-4 years of PLC Programming experience.  
-Possess programming and troubleshooting of Allen Bradley or Siemens preferred.  
-Be proficient in AutoCAD or other Electrical/Engineering Design Software.  
-Be able to build Electrical Panels.  
-Be able or possess hands on experience pulling wire.  
-Automotive experience preferred.  
-Journeyman Electrician or Master Electrician a plus.  
  
MOST IMPORTANT CRITERIA:  PLC Programming Experience.  
  
If you are interested in this position, please send me the most updated version of your Resume via email ASAP.  
  
If you are not interested, but you know someone who might be, please forward this email to that person.  
  
I look forward to hearing from you!  
  
Best Regards,  
Josie Carpenter  
Recruiter  
Elwood Professional  
(616) 698-2176 Ph.  
[[Click Here to Email Your Resumé]](http://api.careerbuilder.com/v1/application/applylink?JobDID=JB77PM75LG2Z16CWN17&el=true&TrackingID=CBWG7KSY&DID=JB77PM75LG2Z16CWN17)  
  
We may connect on LinkedIn.  You may find me under:  Josie Carpenter.  
  
You may also go to our website to submit your application:  www.elwoodprofessional.com

**JOB REQUIREMENTS**

Ideal candidates:  
-Will possess a 2 or 4-year degree in Controls Engineering, Electrical/Electronic Engineering or related field.  
-Possess 2-4 years of PLC Programming experience.  
-Possess programming and troubleshooting of Allen Bradley or Siemens preferred.  
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-Be able to build Electrical Panels.  
-Be able or possess hands on experience pulling wire.  
-Automotive experience preferred.  
-Journeyman Electrician or Master Electrician a plus.  
  
MOST IMPORTANT CRITERIA:  PLC Programming Experience.

**MID JOB**

**Job Description**

Bartech Group, a leading global workforce management and staffing solutions provider to Global 500 firms, is seeking experienced and skilled Automotive Electrical Engineers to join our growing workforce of Engineering professionals. This position is located in the Detroit, Michigan metro area.  The Automotive Electrical Engineer is primarily focused on the design and optimization of electrical systems for automotive components and interconnect systems at low and high voltages. If you meet our background requirements and are looking to launch your career with one of the country’s largest and fastest growing staffing firms, this is the ideal opportunity for you!

**Automotive Electrical Engineer (Engineering)**

**Job Responsibilities**

As an Automotive Electrical Engineer, you will be responsible for specifying system components or the direct modification of products to ensure conformance with engineering design and performance specifications. In addition, the Automotive Electrical Engineer will construct and oversee technicians in the construction of developed automotive systems.

Other responsibilities will include:

* Analysis and specification of electro-mechanical and electro-hydraulic actuators
* Constructs and oversees technicians in construction of developed systems
* Interfaces with outside vendors for component selection, manufacturing, and assembly
* Designs and analyzes basic electronic control systems, feedback circuits and ladder diagrams
* Reads and interprets blueprints, technical drawings, schematics, and computer-generated reports
* Confers with engineers and other personnel to implement operating procedures, resolve system malfunctions, and provide technical information
* Researches and analyzes customer design proposals, specifications, manuals, and other data to evaluate the feasibility, cost, and maintenance requirements of designs or applications
* Supports warranty issue investigations and reactive quality initiatives
* Uses corporate warranty monitoring systems
* Issue tracking and resolution

**JOB REQUIREMENTS**

**Automotive Electrical Engineer (Engineering)**

**Job Requirements**

We are looking for experienced professionals in the Engineering world to fill our Automotive Electrical Engineer positions. Candidates must have previous engineering experience with embedded software, controls, sensors, wire harness, audio/video, telematics/infotainment, lighting and/or battery components. In addition, the Automotive Electrical Engineer position will require a Bachelor’s degree in Electrical or Computer Engineering. A Master’s degree in Electrical or Computer Engineering is also *preferred*.

Other requirements include:

* Automotive related background
* Thorough understanding of DVPRs, FMEA and/or FEA’s, preferred
* Experience with Siemens and/or AllenBradley PLC’s, preferred
* Experience with Kuka and/or Fanuc robotics, preferred
* Experience using various programming languages such as C and/or C++, preferred
* Experience with Matlab Simulink, preferred

**Automotive Electrical Engineer (Engineering)**

**Benefits**

When you join The Bartech Group you launch a career. We support you with a comprehensive benefit plan, offering exceptional medical, dental, and vision care; life and disability insurance; paid time off including holidays; and 401(k).  
  
**Geographic Locations**

* Detroit. Michigan Metro Area

**JOB SNAPSHOT**

**Other Pay**Industry Competitive Pay

**Employment Type**Full-Time

**Job Type**Automotive, Engineering, Other

**Education**4 Year Degree

**Experience**At least 1 year(s)

**Manages Others**No

**Relocation**No

**Industry**Automotive - Motor Vehicles - Parts

**Required Travel**Not Specified

**Job ID**BHJOB4449\_126344

**FIRST JOB**

Job Overview

|  |  |
| --- | --- |
| **Company:** | [Aerotek](http://www.careerbuilder.com/employerprofile/companydetails.aspx?sc_cmp1=JS_JobDetails_CoLogoLink&companydid=C7H8DQ6Z0KHHHP0R05N) |
| **Job Type:** | Engineering |
| **Base Pay:** | $42,000 - $45,000 /Year |
| **Other Pay:** | N/A |
| **Employee Type:** | Full-Time |
| **Manages Others:** | Not Specified |
| **Relocation Covered:** | Not Specified |
| **Industry:** | Energy - Utilities - Gas - Electric |
| **Reference ID:** | 5051867 |

|  |  |
| --- | --- |
| **Required Education:** | Not Specified |
| **Required Experience:** | Not Specified |
| **Required Travel:** | Not Specified |
| **Location:** | Jackson |
| **Contact:** | Kristofer Herzog |
| **Phone:** | Not Available |
| **Fax:** | Not Available |
|  |  |

Job Description

Actively seeking a creative, highly talented and self-motivated Field Electrical Engineer. The successful candidate will support the following activities:   
  
\*Field inspections and data collection of distribution infrastructure including design recommendations   
\*Pole loading analysis/modeling   
\*Clearance analysis   
\*Obtain all required customer approvals, easements, & permits for proposed work within right-of-way or on customer property.   
\*Duties may include field support of line construction activities.   
\*Maintain thorough understanding of NESC Standards, PUC Standards, & Client Standards while maintaining a safe working environment.

The Field Engineer will be required to travel to sites as needed and according to schedule.   
Projects will include field data collection throughout Michigan, typically in the following areas:   
\*Jackson   
\*Lansing   
\*Adrian   
\*Grand Rapids  
Saginaw

Desired Skills and Experience  
\* BS Degree in Engineering (Electrical) from a four year University  
\* ABET accredited college or university   
\*Proficiency in MS Office (Word, Excel, Outlook, etc.) required   
\*Verbal and written communications skills   
\*Willingness to travel frequently. Overnight travel may be required (50%-75% Travel)   
\*Ability to work in outdoor environments

Also 56 cents a mile when driving own car to assigned areas.

**About Aerotek:**

Aerotek, headquartered in Hanover, Md., is a leading provider of technical, professional and industrial staffing services. Established in 1983, Aerotek is an operating company of Allegis Group, the largest provider of staffing services in the U.S. Aerotek operates a network of more than 200 non-franchised offices throughout the U.S., Canada and Europe. For more information, visit Aerotek.com

**DEGREE REQUIREMENTS**

**Electrical Engineering (EE) Declaration Requirements:**

**To declare a minor in EE, you must:**

**(1) Have completed at least one full term at UM Ann Arbor**

**(2) Have an overall UM GPA of 2.0 or better in courses taken at the UM Ann Arbor campus and be in good**

**standing**

**(3) Have completed or earned credit by exam or transfer for at least one course in each of these categories**

**a. Calculus (e.g. Math 115, 116, 156)**

**b. Calculus based physics lectures (e.g. Physics 140, 160) or chemistry lectures (e.g. Chem 130)**

**c. Required engineering courses (Engr 100, 101, 151)**

**Minimum Program Requirements**

**A minimum of 15 credits must be completed with a grade of a C or better. At least one elective course must be at the**

**400-level.**

**Required course: EECS 215: Introduction to Circuits**

**(Note: BIOMEDE 211 may be used in place of EECS 215 if an additional EECS course is taken from the following approved course lists)**

**One of the following program core courses:**

**EECS 216: Signals and Systems EECS 270: Introduction to Logic Design**

**EECS 230: Electromagnetics I EECS 320: Introduction to Semiconductor Devices**

**Two of the following courses (at least one course at the 400-level, no duplicates):**

**EECS 216: Signals and Systems EECS 421: Properties of Transistors**

**EECS 230: Electromagnetics I EECS 423: Solid-State Device Laboratory**

**EECS 270: Introduction to Logic Design EECS 425: Integrated Microsystems Lab**

**EECS 320: Introduction to Semiconductor Devices EECS 427: VLSI Design I**

**EECS 311: Electronic Circuits EECS 429: Semiconductor Optoelectronic Devices**

**EECS 312: Digital Integrated Circuits EECS 430: Radiowave Propagation & Link Design**

**EECS 330: Electromagnetics II EECS 434: Principles of Photonics**

**EECS 334: Principles of Optics EECS 451: Digital Signal Processing & Analysis**

**EECS 370: Computer Architecture EECS 452: Digital Signal Processing Lab**

**EECS 373: Design of Microprocessor Based Systems EECS 455: Digital Comm. Signals & Systems**

**EECS 411: Microwave Circuits I EECS 460: Control Systems Analysis & Design**

**EECS 413: Monolithic Amplifier Circuits EECS 461: Embedded Control Systems**

**EECS 414: Introduction to MEMS EECS 463: Power Systems Design and Operation**

**EECS 418: Power Electronics EECS 470: Computer Architecture**

**EECS 419: Electric Machinery and Drives EECS 473: Advanced Embedded Systems**

**EECS 420: Phys. Principles Underlying Smart Devices EECS 530: Electromagnetic Theory I**