



Azure Dynamics Inc. is conducting a search for the following position.

**POSITION DESCRIPTION:**

TITLE:	Electric-Vehicle Applications Engineer
DEPARTMENT:	Controls Engineering Group
LOCATION:	Burnaby, BC Canada
CLASSIFICATION:	Full-Time

**DUTIES:**

- Design, development and simulation of supervisory control software for battery-electric vehicles
- In-vehicle software testing and calibration development
- Development of production code in the Matlab Simulink/Stateflow environment
- Collating customer and stakeholder input and writing achievable system and software requirements documents

**SKILLS/KNOWLEDGE/ABILITY REQUIREMENTS:**

- Experience designing hybrid-electric and/or battery-electric vehicle supervisory software
- Knowledgeable in VRLA/NiMH/Li-Ion battery electrochemistry
- Experience with model based design environment, particularly with MATLAB, Simulink/Stateflow
- Knowledgeable in automotive based control architectures and electrical design best practice
- Experience in debugging automotive electrical systems, such as CAN noise issues and system ground loops
- Proficient with software version control packages such as CVS or ClearCase
- Experience with programming languages such as Visual Basic, C, Java, Perl and TLC will be considered a plus
- Able to communicate concisely and accurately in English through both written and verbal mediums
- Demonstrated ability to work on a fast-paced, deadline driven design engineering team
- Able to work independently without constant supervision

**EDUCATION/CERTIFICATION:**

- Minimum education requirement is the completion of a university level engineering degree
- Two or more years of experience in an automotive related field is preferred.

If you would like to apply for this position, please forward your cover letter and resume to the following:

c/o Kristen Sanders  
Azure Dynamics  
3900 North Fraser Way  
Burnaby, BC  
V5J 5H6