



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

**POSITION DESCRIPTION:**

TITLE:	Hybrid-Electric / Electric Vehicle Applications Engineer
DEPARTMENT:	Controls Engineering Group
LOCATION:	Vancouver, BC
CLASSIFICATION:	Full-Time

**DUTIES:**

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

**SKILLS/KNOWLEDGE/ABILITY REQUIREMENTS:**

- Experience with a model-based design environment, particularly with MATLAB, Simulink/Stateflow
- Strong automotive aptitude and relevant experience
- Knowledgeable in automotive based control architectures and electrical design best practice
- Knowledgeable in VRLA / NiMH / Li-Ion battery electrochemistry
- Experience in debugging automotive electrical systems, such as CAN noise issues and system ground loops
- Knowledgeable with software version control packages such as CVS or ClearCase
- 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

**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; co-op experience accepted

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