

Azure Dynamics Inc. is conducting a search for the following position. We offer a competitive compensation package, a friendly, casual work environment and fantastic natural surroundings in Burnaby, British Columbia.

POSITION DESCRIPTION:

TITLE:	Applications Engineer
SUPERVISOR:	Controls Engineering Manager
DEPARTMENT:	Controls Engineering Group
CLASSIFICATION:	Full-Time

DUTIES:

- Design, development and simulation of vehicle control and energy management algorithms for battery-electric and parallel hybrid-electric vehicles
- In-vehicle software testing and calibration development tasks
- Development of automotive production code in the Matlab Simulink/Stateflow environment
- Taking customer and stakeholder input and writing and reviewing achievable system level and software requirements documents

SKILLS/KNOWLEDGE/ABILITY REQUIREMENTS:

- Experience with model based design environment, particularly with MATLAB, Simulink/Stateflow
- Aptitude and knowledge of mechanical and electrical and control systems, particularly with automotive based architectures
- Experience 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
- Knowledgeable in automotive electrical design best practice
- Experience in debugging electrical systems, such as CAN noise issues and system ground loops
- Ability 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
- Ability 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. Co-op work experience will be considered

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