



GNSS System Architect

Nexteq Navigation Corp. is a leading innovator in precise GNSS positioning based in Calgary, Alberta. Due to strong market demands, Nexteq is expanding its research team to develop new generation GNSS receiver technologies and products to take advantage of these opportunities.

The successful candidate will work closely with a team of research and development engineers to design next generation GNSS OEM receiver boards and products.

Responsibilities

- Provide architectural and technical direction for the development of a new high performance multi-frequency multi-constellation GNSS receiver
- Model GNSS signal processing to support system and software development
- Define, model and analyze frequency plans and signal processing algorithms for acquisition, tracking, multipath mitigation and jamming mitigation
- Test algorithms by modelling, simulation and live testing

Qualifications

- M.Sc. in Electrical Engineering or related discipline.
- Minimum of 5 years of industrial/applied experience in GNSS receiver design including signal acquisition and tracking algorithms.
- Familiarity with all GNSS signals
- Embedded software design experience desirable
- VHDL experience desirable

Application

Please forward your resume via email to:

Human Resources
Nexteq Navigation Corp.
hr@nexteqnav.com