



CAREERS AT IRD

SOFTWARE DEVELOPER

Department: Engineering

Receives Direction From: Manager, Software Design and Development

Responsibilities:

- Perform software development tasks on IRD products and projects in accordance with IRD standard procedures.
- Prepare software designs at a unit and, possibly, a package level.
- Prepare system level software designs using existing base software packages.
- Prepare documentation to support design reviews.
- Attend software design reviews.
- Create system software from existing base software packages based on approved software designs including appropriate scripts, make files, configuration files, etc.
- Modify existing software modules.
- Code new software modules.
- Unit test software modules.
- Prepare for and participate in code reviews.
- Assist with preparation of Factory Acceptance Test Plans.
- Assist with system integration and testing.
- Assist with, and complete, Factory Acceptance Tests.
- Perform regression testing on base software modules.
- Prepare software releases including documentation, software media and copies thereof.
- May travel to customer sites as part of training.

Skills Required:

- Knowledge of one or more programming languages used by IRD: C, C#, Java, SQL, PL/SQL.
- Knowledge of one or more operating systems used by IRD: Microsoft Windows, Unix.
- Knowledge of one or more of the following areas: databases (Oracle), graphical user interfaces, real-time programming, object oriented programming, control systems, data analysis, networks, mapping.
- Effective oral and written communication skills.
- Self starter with the ability to work well independently and within a team environment
- Be a cooperative problem-solver with logical decision-making abilities

Education and Experience:

- Bachelor's degree in Computer Science or equivalent.
- Experience in a team environment.
- 2 or more years experience in a software development environment.

Please indicate position 'SD0801' in your cover letter and subject line.

If you are interested in applying at IRD, a resume should be forwarded in confidence to Human Resources at **702 43rd Street East, Saskatoon, SK S7K 3T9**, fax: **306-653-6609** or email: jobs@irdinc.com