



Employment Opportunities

Company Information

NioCAD develops Electronic Design Automation (EDA) tools for a growing, untapped segment of the micro-electronics market. The project is a partnership between the University of Stellenbosch and the National Research Foundation's (NRF) Innovation Fund with the aim to commercialise research done by the Electric and Electronic Engineering Department of the University of Stellenbosch.

NioCAD is looking for a dynamic software development engineer to complement the existing development team. We want to build highly productive and capable team.

The company offices are located on the university's Stellenbosch campus.

Job Title

Java Software Developer

Job Description

A position is available for a full-time intermediate to senior level software developer. The candidate will work in a small agile team to develop EDA tools. The candidate will be involved with all aspects of the software engineering processes.

Candidates with an electronic engineering background will also have the opportunity to work on challenging EDA problems in the micro-electronics domain.

This is a unique opportunity for dynamic individuals that will enjoy the challenges of developing specialised commercial software for advance engineering purposes.

Criteria

The following minimum requirements must be met:

- Qualifications (from an accredited university):
 - BSc. Comp. Sci., B. Eng with Comp. Sci., MSc. Comp Sci, MSc. Eng.
- At least two years fulltime working experience developing software, preferably in a commercial context.
- Excellent knowledge of Java language, library and development tools, such as Eclipse.
- GUI development experience, preferably in Java's Swing.
- Academically strong, with good knowledge of fundamental concepts, such as data structures and object oriented principles.
- Excellent English verbal and written communication skills.
- Willingness to learn and to take responsibility.
- Must be able to work as part of a team.

The following requirements will improve a candidate's suitability:

- Experience with agile software development.
- CAD or EDA experience.
- Knowledge of UML and design patterns.

Salary

Salary is negotiable and will depend on qualifications and work experience. Range between R 165,000 – R 250,000 per year.

Starting Date

Successful candidates can start 1 March 2008 or immediately thereafter.

Application Dead-line

31 May 2008

Advertisement Reference

HR-R-SD-003

Application Procedure

Send a cover letter and CV to Jan Pool.

janpool@sun.ac.za

Tel: 021 808 4032

Fax: 086 633 2677

Please quote the advertisement reference in your cover letter to help us determine what position you apply for.

Terms and Conditions

General

Only CVs for available positions will receive a response. NioCAD has no other employment opportunities available.

Nationality

Only South African citizens will be considered.

Interview

All candidates must be available for a 1-2 hour in-person technical interview at our office in Stellenbosch. NioCAD does not pay for interview travel costs.

Relocation

NioCAD does not cover relocation costs.

Employment Agencies

CVs will be accepted from employment agencies. If we accept an applicant put forward by an employment agency, we will reserve the right to negotiate fees. The applicant's salary package will be adjusted to offset the agency fees.

NioCAD will honour CVs received from employment agencies for a period of 3 months after the application dead-line. After that period, NioCAD reserves the right to contact candidates directly.