NRF
National Research
Foundation
iThemba
LABS
Laboratory for Accelerator
Based Sciences

Cape Town

Department: Materials Research

POSITION: IBA (ion beam analysis) Software Development Intern

Purpose:

Aid in the full development lifecycle of software applications for ion beam data analysis.

Minimum Requirements:

B.Sc. in Computer Science or Physics, or tertiary equivalent

Skills and attributes:

- Ability to develop software in C, C++, JavaScript, Python
- Experience developing software on Linux and Windows based platforms
- Good knowledge of relational databases
- Experience in designing graphical user interfaces
- Proficiency in using source control systems like Git, SVN
- Proficiency in using project management systems like Redmine, JIRA
- Ability to communicate well technically and frequently with clients and collaborators

Duties will include but are not limited to:

The candidate will be responsible for:

- The full software development lifecycle
- Producing specifications based on client requirements
- Clearly documenting software functionality and code

The NRF is committed to employment equity and redress. Correspondence will be conducted with the shortlisted candidates. Applicants should e-mail their detailed CV to careers@tlabs.ac.za

Deadline: 30 November 2016