

iThemba LABS 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 careers@tlabs.ac.za before 10 August 2017