



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

PROJECT TENDER

PROJECT

PROPERTYINVESTMENTOPTIMIZER

CLIENT(S)

ALEX TERLUNEN - ATERLUNEN@CSIR.CO.ZA
PIETER BOTHA PBOHA2@CSIR.CO.ZA

TEAM: TERABITES

TEAM MEMBERS

Christiaan Nel
Dzilafho Mulugisi
Eltom Tom
Gershom Maluleke

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF
PRETORIA
May 1, 2016

TEAM MEMBERS



Name: Christiaan Nel

Email: u14029368@tuks.co.za

Phone: 0728359073

Field: BSc IT

INTERESTS

-
-
-
-

TECHNICAL SKILLS

-
-
-

PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE
PROJECT

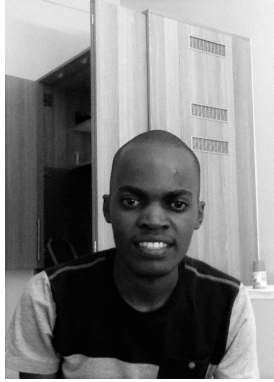
-

NON-TECHNICAL STRENGTHS

-
-
-
-

WHAT MAKES YOU WANT TO DO THE PROJECT

-
-
-
-



Name: Dilafho Mulugisi

Email: u13071603@tuks.co.za

Phone: 0798056530

Field: BSc Computer Science

INTERESTS

-
-
-
-

TECHNICAL SKILLS

-
-
-

PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE
PROJECT

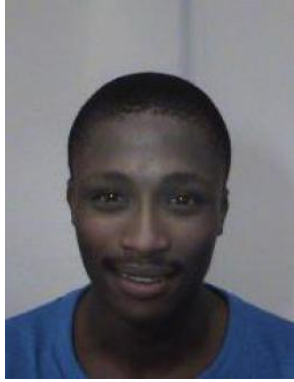
-

NON-TECHNICAL STRENGTHS

-
-
-
-

WHAT MAKES YOU WANT TO DO THE PROJECT

-
-
-
-



Name: Elton Tom

Email: u13325095@tuks.co.za

Phone: 074 902 1879

Field: BSc Computer Science

INTERESTS

- Solving problems
- Web programming
- App development
-

TECHNICAL SKILLS

- C++ and Java skills
- Solving problems
- Front-end (HTML, CSS, JavaScript/JQuery) and back-end (PHP, MySql) development skills

PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE
PROJECT

-

NON-TECHNICAL STRENGTHS

- Working under pressure
- Working within a group
- Clear and concise communication
- Intellectual curiosity

WHAT MAKES YOU WANT TO DO THE PROJECT

-
-
-
-



Name: Gershom Maluleke

Email: u13229908@tuks.co.za

Phone: 0728359073

Field: BSc Computer Science

INTERESTS

- Programming(Application, Game and Web development)
- Technology and Gamming
- Travelling, hiking, Soccer, volunteering, Boxing, Cricket

TECHNICAL SKILLS

- Languages: C, C++, Java, Python, Delphi, SQL, HTML, JavaScript, PHP, AJAX, JSON, CSS3 Test Driven Development (TDD), Teamwork
- Tools: JBuilder, Dreamweaver, Rational Rose, UltraEdit, BorlandC++Builder, Oracle SQL*Plus
- Operating systems: Windows, Linux, Mac OS X.

PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE PROJECT

-

NON-TECHNICAL STRENGTHS

- Willingness to research
- Teamwork mentality
- Ability to handle failure
- Ability to plan
- Problem solving skills

WHAT MAKES YOU WANT TO DO THE PROJECT

- I am eager to learn and stay up to date with new innovations and IT related products. I am a confident, energetic young person, seeking an opportunity to expand my horizons. I don't mind putting in the extra effort and time, until the problem is solved, which also makes work under pressure well. I am able to adapt to different environments, and learn to use new technology, programs, and programming languages well. I prefer to start working earlier than leaving it for last minute; however I can work under pressure as well. I am a hardworking and dedicated student who loves a challenge and works well under pressure.

PROJECT EXECUTION

DEVELOPMENT METHODOLOGY

-
-

KEEPING THE CLIENT INFORMED

-
-
-

INITIAL IDEAS

- Using Maven Builds for consistency and effective testing.
- Working together through version control systems (Git).
- Implementation of methods which deal with calculations in Java
- The use of visual imagery to graphically depict results where possible.

TECHNOLOGIES

- Java for Object Orientated Services
- HTML and CSS for the web front-end
- JavaScript

WHAT THE CLIENT WILL RECEIVE AT THE END OF THE PROJECT

- Source code
- Unit Testing
- User manual
- Architecture and design documentation
- Installation manual