



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

PROJECT TENDER

PROJECT

SMARTIMAGEIDENTIFIER

CLIENT(S)

W.A. BURGER- WABURGER@WILLBURG.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

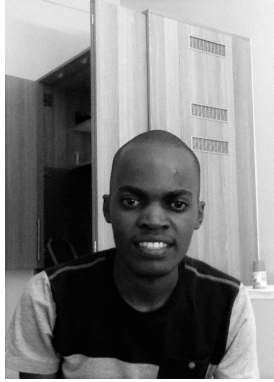
-

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

- Automotive Journalism
- Web Technology
- Building Computers
- Self learning
- Socializing

TECHNICAL SKILLS

- Fixing Computers
- Java, C++, C, and Web Programming
- Fault Detection
- Operating Systems

PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE PROJECT

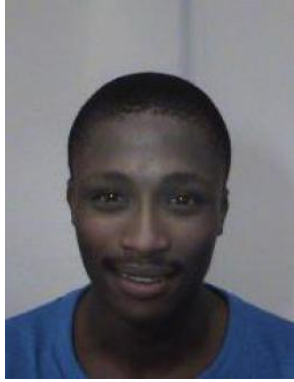
- The UP Department of Computer Science recently prepared us for effective team work. I worked in a mini project where we had to deal with various constraints in groups. The challenges included differences in level of knowledge, interest, personalities and different types of pressures including time amongst others. From this I learnt how to work when under pressure and stepping out of my comfort zone and work with people whom I did not know.
- I have attended numerous workshops by Studietrust in which we were exposed to challenges and had to work in groups to resolve the provided problems. In order to solve the problems we had to combine the best of each group member. I can now effectively work well in groups even when the personalities of the group members are opposites.

NON-TECHNICAL STRENGTHS

- Team Work
- Quick learning
- Leadership and Planning
- Effective listening and discussion
- Future Visualization

WHAT MAKES YOU WANT TO DO THE PROJECT

- I enjoy being part of relatively new technology. The good cause that the technology is meant to be used for also means that my hardwork is going to result in numerous lives being saved.
- The project is very interesting because image analysis is not something I have experience with but I am very interested in. The project arouses my curiosity and I find it intriguing to learn about image analysis and the whole technology behind it.



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

-
-
-

TECHNOLOGIES

-
-
-

WHAT THE CLIENT WILL RECEIVE AT THE END OF THE PROJECT

- Source code for the SMART ID APP
- Architecture of framework
- User manual
- Built and deployed scripts