



UNIVERSITEIT VAN PRETORIA UNIVERSITY OF PRETORIA YUNIBESITHI YA PRETORIA

PROJECT TENDER

Project: autoPerform

Client: Magna BC

Team: IMPAKD

TEAM MEMBERS

Diana Obo

Kudzai Muranga

Priscilla Madigoe

Sandile Khumalo

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF PRETORIA

DATE: 2 MAY 2016



1 Meet the Team Members

Priscilla Madigoe



• Interests

My interests include Computer Programming, Electronics, Computer Graphics, Robotics, travelling, photography, music, sports and reading novels.

• Technical Skills

- Computer Programming with sound knowledge of Java, C/C++, MatLab, WebGL and Web-related programming languages.
- Complex Problem-Solving using scientific and mathematical principles.
- System Analysis to determine how a computer software should behave in set conditions.
- Quality Control Analysis to evaluate the performance and quality of computer software.

• Past Experience

The Software Engineering module had a preparatory project called the Mini Project that was created to give students a real-world experience of software development. I took part in the project and I have learnt the process of software development, team work and different technologies used to develop computer software.

• Non-Technical Skills

My non-technical skills include critical thinking, reading comprehension, writing, effective listening, social perceptiveness and active learning.

• Reason for Interest in the Project

This project will give me an opportunity to use my knowledge gained in the Artificial Intelligence lectures to create intelligent algorithms for data analysis and processing.

Diana Obo



• Interests

My interests are travelling, game development, web development and anime. I also enjoy learning about new technologies and watching a lot of discovery channels and documentaries.

• Technical Skills

- I have sound knowledge of Java, C++, HTML, CSS, Javascript, C#, MatLab
- Mobile development (android studio)
- 3DS MAX.
- Ember.js and handlebar.js

• Past Experience

- I participated in this year's Standard Bank IT Challenge.
- I did an internship at a small company named Lepsta where I did web development.

• Non-Technical Skills

- Willingness to learn
- Team player
- Organised
- Diligent
- Reliable

• Reason for Interest in the Project

I feel this project will challenge me as a programmer and enable me to use all my knowledge that I have acquired as a computer programming student at The University of Pretoria and gain new programming skills.

Kudzai Muranga



• Interests

I am an avid reader, I love fantasy novels the most. I like to keep myself up to date with the current affairs of the world. I am also interested in learning anything new that concerns science, technology and business.

• Technical Skills

- I have sound knowledge of Java, C++, HTML, CSS, Javascript, C# and mobile development
- Artificial Intelligence experience.
- Business Management knowledge
- Project Management

• Past Experience

- Participated in the Standard Bank IT Challenge.
- Invited to the Hello Group Open Day where I participated in a coding challenge using Java.

• Non-Technical Skills

- I am interested and open to learning new things
- Disciplined
- Organised
- Critical Thinking

• Reason for Interest in the Project

I am interested in this project because I feel that it would allow me to use programming abilities extensively and teach me new and exciting skills.

Sandile Khumalo



• Interests

My interest are coding , reading on new exciting, technologies ,watching and reading about football. I also enjoy weightlifting.

• Technical Skills

- I am comfortable and have experience coding in these languages; c++, java, c#, php, html, javaScript, bash. I also have done 64 bit assembler language and I have experience in MINIX.

• Past Experience

I have done a project in my software development class that is similar, it incorporates most of the technologies and frameworks used in the work place when developing big projects.

• Non-Technical Skills

I am a hard working student, I am dedicated, I believe if there is a will, the is a way.Especially as a developer because most of the solutions are there, someone has done it before.It's a matter of good research and good understanding of the task at hand. I am willing to learn from every experience.

• Reason for Interest in the Project

I find this project challenging and exciting, There is a lot to learn from it but I am confident that as fun as it will be doing it, it will also be a success.

2 Project Execution