

Curriculum Vitae of Katlego Mokhethi



2271 Ratlou, Thaba 'Nchu, 9780



062 697 0563, alt: 067 288 1300



mokhethikatlego@gmail.com

General Information

Names: Katlego Kearabetswe Wesley

Surname: Mokhethi

ID number: 9811195210084

Nationality: South African

Gender: Male

Health: Excellent

Marital status: Single

Skills

Programming Language(s): C#; **System Design tools:** UML, MS Visio 2016; **Frameworks:** .NET framework, Microsoft ASP.NET Framework, Angular 7; **Web technologies:** ASP.NET Core MVC, HTML5, CSS3, Bootstrap4; **Databases:** MS SQL server Management Studio, MongoDB; **Unit Testing:** XUnit; **Computer Networks;** **Software Engineering;** **Human-Computer Interaction;** **Systems Analysis & Design;** **Systems Infrastructure & Integration;** **Other:** Analytical skills, Strategic planning, Problem solving, Digital marketing, Business management, MS Office Suite, **Graphic Designing:** Adobe Photoshop CC 2019, Adobe Illustrator CC 2019; Video editing: Filmora 9

Experience

Freelancing Developer

Mar 2020 - Present

- Developing custom software solutions
- Building Web Applications for clients using ASP.NET Core MVC, C#, Entity FRAMEWORK & MS SQL Server

IoT.nxt

Dec 2018 - Feb 2019

Correlation team

[Intern Front-end developer and Unit Tester]

Key duties

Add implementations for all common ML functions:

- Between tuples of endpoints (e.g. Aircon on/off and Temp sensor)
- Inputs for time of day, etc.
- Correlation matrixes
- Write clean test cases
- Develop a UI for the ML system to be built

2018 Centre for High Performance Computing student cluster competition

[1 Jul 2018 - 7 Jul 2018]

[2 Dec 2018 – 6 Dec 2018]

Team Phoenix

- Building a cluster using:
 - o Linux systems
 - o The basic software stack of a cluster and cluster design.
- Building a prototype cluster in the Cloud.
- Building small HPC cluster [with 3 Servers: a head node and two compute nodes]
- Optimising selected applications and ran on the cluster demonstrating the design's performance.

Achievements

Member of Golden Key International Honour Society

Aug 2019

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Education

University of the Free State

Feb 2017 - Dec 2019

Bachelor of Science in Information Technology (majoring in Computer Science and Business Management)

Qualification obtained

Dec 2019

Albert Moroka High School

Jan 2012 - Dec 2016

Admission to Bachelor Degree

Dec 2016

Languages

English, Setswana, Sesotho, isiXhosa

References

IoT.nxt

Alicia Kruger

Project Manager

Tel: +27 12 880 0774

Email: alicia.kruger@iotnxt.com

2018 Centre for High Performance Computing student cluster competition

David Macleod

Tel: +27 (0) 21 658 3974

Email: dmacleod@csir.co.za

University of the Free State

Mr W.S.J. Marais

Programme Director

Tel: 051 401 2929

Email: maraisj@ufs.ac.za

Albert Moroka High School

L.I Mompoti

Principal

Tel: +27 51 873 0074

Email: albertmorokahs@webmail.co.za

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