



## PERSONAL BACKGROUND

I am a digital native, always looking for a new challenge and can adapt quickly if a situation requires.

I am always keen to pick up new skills and explore uncharted territories

## ACHIEVEMENTS

- Member of Golden Key International Honour Society

## GET IN TOUCH WITH ME

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Twitter: Available on request

Instagram: Available on request

# AFFAAN MUHAMMAD

Student

## WORK EXPERIENCE

### Student IT Assistant (Part-time)

*UFS Health Sciences Faculty | Jul 2017 - Aug 2018*

- Managed issues relating to hardware & software effectively for the Operations Manager

## PREVIOUS EDUCATION

### North-West Univerisity

*Bachelor of Science in Information Technology*

### University of the Free State

*Bachelor of Science in Information Technology majoring  
in Computer Science and Mathematical Statistics*

*Bachelor of Medicine, Bachelor of Surgery*

## REFERENCES

Available on request

# CURRICULUM VITAE

Affaan Muhammad

Updated: *29 July 2020*

Student – Aspiring Data Analyst

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## Portfolio:

LinkedIn profile: <https://www.linkedin.com/in/affaan-muhammad>

Github: <https://github.com/AffaanMuhammad>

<https://github.com/AM-ops> (University portfolio)

## Personal profile:

I am a digital native, always looking for a new challenge and can adapt quickly if a situation requires. I am always keen to pick up new skills and explore uncharted territories.

## Education:

*2019 – current:* Bachelor of Science in Information Technology at North-West University

*2016 – 2018(mid):* Bachelor of Science in Information Technology majoring in Computer Science and Mathematical Statistics

*2013 – 2015(mid):* Bachelor of Medicine, Bachelor of Surgery at University of the Free State

*2009 – 2012:* High School career at St Andrew's School, Welkom

## Languages:

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	Speaking	Writing	Reading
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Fair	Fair
Urdu	Excellent	N/A	N/A

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## Employment History/Experience:

*2017 – 2018(mid):* Student IT Assistant at the University of the Free State.

Responsible for assisting the Operations Manager in the Office of the Dean: Health Sciences Department solving general computer related issues (Hardware + Software). Improved daily interactions of faculty members by ensuring IT related problems were addressed in a timely fashion.

## Skills and Achievements:

### Core Qualifications

Programming/Markup Languages:

C#, Transact-SQL, Python, HTML, CSS, Java, LaTeX

Frameworks & Libraries:

ASP.NET, ADO.NET, Bootstrap, Django, SciPy, NumPy, pandas, scikit-learn

Backend:

SQL (Oracle and Microsoft)

UI/UX:

Adobe Photoshop, Adobe Illustrator (Basic usage for both)

Operating Systems:

Windows XP, 7, 8 and 10. Multiple Linux distributions

Software:

Microsoft Office Suite, MS Visual Studio, MS SQL Server, MS Visio, VSCode, Oracle SQL Developer, Multiple text editors

Industry experience/knowledge:

Design patterns, Databases (relational & document), Human-Computer Interaction, Web Development, Software Development Life Cycle, Data Structures and Algorithms, Artificial Intelligence, Machine Learning

Soft skills:

Leadership, Problem solving, Team management, Communication skills, Time Management, Interpersonal Skills, Creativity, Adaptability

## **Achievements & Accomplishments**

Member of:

- Institute of Electrical and Electronic Engineers (IEEE)
- The Institute of IT Professionals South Africa (IITPSA)
- Golden Key International Honour Society

2020:

- Competed in UmojaHack South Africa Inter-University AI Hackathon on 25 July and was placed 14<sup>th</sup>.

2019:

- The Data Intensive Research Initiative of South Africa (DIRISA) hosted their first annual Student Datathon Competition. Won the Best Team award for our Solution – Understanding High School Performance in South African Schools.

2017:

- Was inaugurated into the Golden Key International Honour Society.
- Was chosen for the selection round for Student Cluster Competition hosted by the Centre for High Performance Computing (CHPC) of the Council for Scientific and Industrial Research (CSIR) and funded by the Department of Science and Technology (DST). Was held in Stellenbosch from the 3-8 July.

## References:

Dr Jeanette Buys

Operations Manager: Office of the Dean: Health Sciences Department at the University of the Free State

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