

MATTHEW NICHOLAS JACKSON

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Nationality: South African

Marital status: Single

Date of birth: 28 February 1995

Language: Fluent and proficient in English

Race: White



PERSONAL STATEMENT

Two basic principles, namely, hard work and attention to detail are highly noted by me. An emphasis on quality, commitment to a task, championing of innovation, trust, loyalty, responsibility, patience and organisation have been my values as a student over the years. My approach to my work is progressive and thorough, where teamwork plays a vital role.

PERSONAL VALUES

- Professional, progressive, and hard-working
- Principled and open-minded
- Friendly, caring and supportive
- Respectful, loyal and tolerant
- Honest and reliable
- Appreciate family, enjoy travel, music, art and videography

LEADERSHIP EXPERIENCE

Al Khor International School, Qatar

Head Boy, Battuta House, September 2013 – June 2014

Forestry and Agricultural Biotechnology Institute (FABI), Pretoria

FABI Student representative, January 2020 – present

OTHER EXPERIENCE

Private Tutoring

September 2012 – December 2014

I spent a year and half tutoring English and Mathematics to a year 3 and 4 pupil.

Primary School Teaching Assistant

June 2012 – December 2014

I worked for 6 months as a teaching assistant for a year 1 class at Al Khor International School in Al Khor, Qatar. This involved aiding a classroom teacher to present lessons, the marking of class work and the preparation of teaching resource displays.

Bar Tendering and Waitering Experience

November 2015

I have had experience in bar tendering and waiting tables at Mina's Café and Farm Venue, Haenertsberg, South Africa as a part time job.

3D Printing Internship

August 2017 – November 2017

In my final year of undergrad, I obtained an internship position at the Rhodes University Biotechnology Innovation Centre. This internship enabled me to gain skills in three-dimensional computer modelling to design and 3D-print innovative products to aid Biochemical and Microbiological teaching and laboratory practices.

IP Wise Workshop

September 2018

I attended an Intellectual Property workshop

WordWorks Reading Programme.

August 2018 – September 2018

I spent 5 weeks at Nomphumelelo Pre-School in Joza township, Grahamstown, giving reading lessons to children between the ages of 4 and 6.

SANSOR Trial Seed Packing 2019

I was tasked with overseeing and leading a group of students from the University of Venda and interns from the University of Pretoria during seeding packing for a 2019 SANSOR seed cultivar trial

AWARDS

St Alban's College, South Africa

AS Level Certificate obtained

Mathematics, English, Physics, Biology and Chemistry

ST ALBANS COLLEGE , PRETORIA, SOUTH AFRICA

January 2009 – August 2011

ACACIA PRIMARY SCHOOL, JWANENG, BOTSWANA

April 2005 – December 2008

BROADHURST PRIMARY SCHOOL, GABORONE, BOTSWANA

April 2003 – March 2005

WATERKLOOF HOUSE PREPARATORY SCHOOL, PRETORIA, SOUTH AFRICA

April 2003 – March 2005

ACADEMIC SKILLS**Beginner Level:**

- Tissue Culturing
- DNA extraction & quantification
- Polymerase Chain Reaction
- Bacterial Culturing
- Bacterial transformation
- Recombinant protein production expression
- SDS-PAGE analysis
- Native PAGE analysis
- Electrophoresis Techniques
- Thin plate chromatography
- High Performance Chromatography
- Reverse-Phase Chromatography
- Brightfield microscopy

- Scanning-electron Microscopy
- Transmission electron Microscopy
- Darkfield microscopy
- Fluorescence microscopy
- Light microscopy
- Confocal microscopy
- Statistical Data Analysis
- Bioinformatic Analysis
- Microsatellite analysis
- CRISPR/Cas9 gene editing

REFEREES

Prof. Caroline Knox (Honours Supervisor)

Associate Professor and Head of Microbiology
Department of Biochemistry and Microbiology
Rhodes University
Grahamstown 6140
South Africa
Email: caroline.knox@ru.ac.za

Prof. Bernard Slippers (Masters Supervisor)

Director: Forestry and Agricultural Biotechnology Institute (FABI)
Professor: Department of Biochemistry, Genetics and Microbiology, Faculty of Natural and Agricultural Sciences
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