**Personal Information**

**Surname**: Emjedi

**Name**: Zaakiyah

**Address**: 3 Lara Close

Colorado

Mitchell’s Plain

**Date of Birth:** 1987-11-03

**Age**: 24

**Gender**: Female

**Nationality**: South African

**Marital Status**: Single

**Health**: Excellent

**Driver’s License**: Code B

**Languages**: English, Afrikaans

**Criminal Record**: None

**Email:** [zaakiyah.emjedi@gmail.com](mailto:zaakiyah.emjedi@gmail.com)

**Career Objective:** My passion for Biotechnology started when I was in the eleventh grade where I work shadowed for approximately two weeks in different laboratories. I am a hardworking, dedicated and passionate Scientist and I feel I can contribute to improving life where I can implement that which I have gained educationally and practically. I am in the process of completing my MSc and I feel that a break, from my studies, is necessary where I could use this opportunity to improve on my laboratory skills.

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**Educational Qualification**

**Institution: University of the Western Cape, Bellville**

**Period:** 2010 – currently

**Degree:** MSc (Biotechnology) in the Apoptosis Research Group under the supervision of Dr. Mervin Meyer.

**Title:** Targeted drug delivery of embelin to cancer cells

**Period:**  2009

**Degree:** BSc Honours (Biotechnology) in the Forensic DNA Laboratory under the supervision of Professor Sean Davison and Dr. Maria Eugenia D’ Amato.

**Title:** Y–STR genetic profiling of Zulu males using the Extended Haplotype

**Modules:** Food Microbiology, Forensic DNA Analysis, Genomics, Human Genetic Diversity and Origins and Apoptosis

**Period:** 2006–2008

**Degree:** BSc (Biotechnology)

**Modules:** Biochemistry, Microbiology, Molecular Biology

**Achievements/Awards:** Golden Key Member

**High School**: **South Peninsula High, Diep River**

**Highest Grade Passed**: Grade 12

**Subjects:** Mathematics, English First Language, Afrikaans Tweede Taal, Physical Science, Biology, Accounting, Computer Studies, Additional Mathematics

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**Additional Qualifications**

**Certificate:** Level 1 First Aid Training with South African Red Cross Society

**Year:** 2008

**Valid:** 2008–2010

**Certificate:** Level 1 and 2 First Aid Training

**Year:** 2010

**Valid:** 2010–2012

**Certificate:** Chemical and Safety Training

**Year:** 2010

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**Interests**

**Activities**: Muslims Students Association (MSA)

**Hobbies**: Reading, listening to music, watching movies, spending time with friends (e.g. shopping, lunch/coffee etc.),

following sport (e.g. cricket, rugby, gymnastics etc.)

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**Work Experience**

**Intern:** KapaBiosystems

**Period:** December 2009–January 2010

**Duties:** I was assigned the task of optimizing conditions for KapaBiosystems’ HiFi, Fast and LongRange buffers along with their respective enzymes.

**Skills Developed:** During this project I learnt to work independently in the laboratory. At the same time to I had to report, to my supervisor, my results and together we discussed possible strategies to be implemented in order to get the best results for optimization.

**Practical Assistant:** WorkStudy Program, Biotechnology Department

**Period:** 2009 and 2011–2012

**Duties:** I had to assist the undergraduate students during their practical sessions. I was also assigned groups, of students, where I had to tutor them in their preparations for practical reports and tests. As a practical assistant, I was also assigned the responsibility of marking scripts and submitting marks as soon as possible so that the scripts could be returned and used as revision.

**Skills Developed:** As practical sessions took place within working hours, I had to plan my laboratory work in such a manner that it did not clash with the practical sessions. I also learnt that not all the students could be accommodated at once and they in turn had to sacrifice their free time for tutorial sessions as requested.

**Administrative Assistant:** WorkStudy Program, Computer Science Department

**Period:** March 2008–October 2008

**Duties:** I had to answer the telephone, take messages and pass them on to the respective individuals. Most importantly, I had to assist the undergraduate students with queries when they collected their scripts.

**Skills Developed:** I learnt to prioritize because at times there would be students requiring attention and at the same time there would be someone on the telephone.

**Tutor Assistant:** WorkStudy Program, Computer Science Department

**Period:** March 2007–October 2007

**Duties:** I had to assist first year students during the Computer Literacy practical sessions.

**Skills Developed:** Besides being familiar with Microsoft Word, Excell and Power Point, I had to familiarize myself with Access.

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**References**

* Dr. Mervin Meyer (Senior Lecturer, University of the Western Cape; MSc Supervisor). He may be contacted, Monday to Friday, at 021 959 2032 between 08:30 and 16:30.
* Dr. Maryke Appel (Senior Scientist at KapaBiosystems). She may be contacted at 021 448 8200.
* Professor Sean Davison (Senior Lecturer, University of the Western Cape; BSC Honours Supervisor) and Dr. Euginia Maria D’Amato. They may be contacted, Monday to Friday, between 08:30 and 16:30 at 021 959 2216 and 021 959 3372 respectively.
* Professor Pieter Gouws (Lecturer at University of the Western Cape, HOD of Biotechnology Department). He may be contacted, Monday to Friday, between 08:30 and 16:30 at 021 959 2557.
* Mr. Leenderts (Senior Technical Officer of Computer Science, University of the Western Cape) may be contacted, Monday to Friday, between 08:30 and 16:30 at 021 959 3694.