**Ntokozo**

*Junior Systems Engineer*

[**Ntokozo.371795@2freemail.com**](mailto:Ntokozo.371795@2freemail.com)

**Profile**

Date of Birth : 06 April 1988

Citizenship : South African

Marital Status : Single

Languages : English, isiZulu

Driver’s Licence : C1

**Education** Matric

2005

*George Campbell Technical*

**Subjects** *English 1st Language*

*Afrikaans 2nd Language*

*isiZulu 2nd Language*

*Electronics*

*Technical Drawing*

*Physical Science*

*Mathematics*

*Additional Mathematics*

Elec Eng. (L/C) (Control & Instr.) (NDip.)

2013-2017

*Durban University of Technology*

**Subjects** *Communication Skills*

*Electrical Engineering I*

*Mathematics I*

*Computer Skills I*

*Digital Systems I*

*Electronics I*

*Digital Systems II*

*Electrical Engineering II*

*Mathematics II*

*Projects I*

*Mathematics III*

*Control Systems II*

*Electronics II*

*Digital Systems III*

*Process Instrumentation I*

*Process Instrumentation II*

*Design Project III*

*Control Systems III*

*Network Systems II*

*Process Instrumentation III*

*Software Design II*

*Experiential Learning I*

*Experiential Learning II*

**Courses** *Yokogawa Field Instruments (2016/06/27 to 2016/07/01)*

*Wonderware Application Server (2017/05/16 to 2017/05/19)*

*Wonderware InTouch for System Platform (2017/05/22 to 2017/05/26)*

*Wonderware Historian (2017/07/04 to 2017/07/07)*

*Siemens S7 (STR-Pro I) (2017/06/26 to 2016/07/30)*

*Siemens S7 (STR-Pro II)* *(2017/07/17 to 2017/07/21)*

**Work History** Control Systems Integration

March - Current

*Junior Engineer*

* Develop correct User Requirements Specifications, or ensure that it exists
* Develop the FDS within agreed quality and time
* Develop the required software to satisfy the project requirements as specified
* Ensure correct quality of the project code and products by performing internal and external FAT testing of the hardware and software
* Ensure compliance with the company Quality Policies and Procedures, Environmental Policies and Procedures, Health & Safety Policies and Procedures as well as the relevant Acts

Tongaat Hulett

2016 – March 2017

*Technician Trainee*

* Assistance with project planning (P&ID, Excel Spreadsheet)
* Calibration of instruments
* Selection & commissioning of appropriate instrument
* Troubleshooting problems
* Making recommendations of possible improvements

Inyameko

Dec 2015 – Jan 2016

*Data Capturer*

* Accurate capture of data

Durban University of Technology

June 2015 – Nov 2015

*Mathematics Tutor*

* Assisting students with difficult problems
* Clarifying certain topics to class when required

**Skills** Main Skills

* Understanding of P&ID diagrams
* Understanding of electric schematics
* Calibration of instruments
* PLC Programming IEC 61131-3
* SCADA Programming (Wonderware)
* Knowledge of DCS (Yokogawa Centum VP) (Not in depth)
* Quality Control ISO 9001

Minor Skills

* Soldering
* Risk Assessment (SHE)
* Computer Literate (SAP, MS Office)
* Report Writing
* Isolation of electrical systems

**Career Goals** Short Term Goal

To become an expert C&I engineer

Long Term Goal

To become a lead C&I Engineer, helping the company meet production targets & safe operation of plants through technology