**Ntokozo**

*Junior Systems Engineer*

**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