

RR

Detail-oriented **Control System Engineer** brings thorough approach to developing, testing and troubleshooting complex control systems hardware and software. More than 8 years of adept navigation of organizational expectations governing product system productivity, reliability and safety. Expert in **SIEMENS** controls and system automation.

Rajo Ali Velo RAMAROKOTO

Contact



+261 32 37 872 95



alivelorajoram@gmail.com



Lot 127 23/44 CR 13
TOAMASINA
MADAGASCAR

Skill Highlights

- Control systems management
- Project management
- Product development and optimization
- Auditing and assessments
- Schematic interpretation
- Document interpretation
- Control System designing
- Project file management
- Equipment acquisition
- Integrated mechatronics
- Materials selection
- Documentation preparation
- Wiring diagrams
- Teamwork
- Prioritization
- Complex problem-solving
- Coordination

Languages

French – C1

English – C1

Experience

09/2017 to Now

Control System Engineer

Ambatovy DMSA (Madagascar)

- Optimized control loop to enhance control system productivity, reliability and safety.
- Adjusted control systems to accommodate project schedule, budget and equipment specification requirements.
- Interpreted design documents and renders to meet template and design standards.
- Ascertained organizational control system need, overseeing purchasing process for hardware, software and instrumentation.
- Developed, tested, troubleshot and modified DCS and SCADA systems.
- Upgraded control system SIEMENS simatic manager PCS7 V8.2
- Audited and reported on project progress and status to maintain operational efficiency.
- Implemented and tested designed solutions through management of change (MOC)
- Maintained project files, keeping track of deliverables, schedules and technical reports.

10/2014 to 09/2017

Control System Specialist

Ambatovy DMSA (Madagascar)

- Interpreted design documents and renders to meet template and design standards.
- Ascertained organizational control system need, overseeing purchasing process for hardware, software and instrumentation.
- Maintained and repaired systems, equipment and parts to keep operating at peak levels.
- Identified DCS engineering issues wrote detailed reports
- Worked with engineers to evaluate power distribution system capabilities



Rajo Ali Velo RAMAROKOTO

Education

2002-2007

**Master of Science: Real-time System
(Electronic-Informatic)**
**I.S.G.E.I (Institut Supérieur en Génie
Electronique Informatique)**
Madagascar

Certifications

04/2022 Automation Cybersecurity
Practitioner (CSP) EXIDA

05/2021 AI programing with Python
Nanodegree program(UDACITY)

07/2019 SIEMENS TIA-MICRO1 & TIA-
MICRO2 S7-1200 Micro & S7-1200 Micro
Advanced courses

02/2019 MICHAEL BROWN CONTROL
ENGINEERING PROCESS CONTROL
ENGINEERING Course

09/2018 SIEMENS PCS7 SAFETY SYSTEM
training

01/2018 PROCENTEC TRAINING CPE
(Certified Profibus Engineer)

01/2017 SIEMENS ST-PCS7 SYS training

08/2013 BASIC INSTRUMENTATION
TRAINING

Experience

10/2012 to 10/2014

Instrumentation Technician
Ambatovy DMSA (Madagascar)

- Verified and maintained instrument and equipment communications.
- Replaced and installed instrumentation and equipment per manufacturer specifications.
- Interpreted design documents and renders to meet template and design standards.
- Managed and supervised on-site control project installation supplier coordination and construction.

2/2008 to 2/2012

High precision mechanical
Stettler sapphir e AG (Mauritius)

- Performed set-ups and operation of all conventional & CNC machine shop equipment, including lathes, milling and polishing, to very close tolerances.
- Machine parts to specifications and verify conformance of parts to specifications.
- Maintained milling machine and related equipment.

References

References available on request