

Aldrin Rogen

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Work experience

Rashtriya Chemicals & Fertilizers Ltd.

July 2017 — Present

Intern Instrumentation Engineer

- Responsible for monitoring of parameters on the HMI Screen
- Assigned tasks of troubleshooting and maintenance of Instruments
- Assigned tasks of maintaining the standards and specifications of instrumentation and control systems

Certificates

Process Parameters Measurement &

Calibration(06/2016 – 06/2016)

- Knowledge and Hands on practicals on process parameters measurement & Calibration

Distributed Control System (DCS-C300 & C200E

HoneyWell) (06/2016 – 07/2016)

- Knowledge and hands on practicals on Design & development Operations, Engineering of Honeywell DCS – C200 E & 300 Controller & Experion

Industrial Hydraulics (09/2016 – 09/2016)

- Knowledge to assemble, commission, maintain and troubleshoot basic hydraulic control system and equipment

Education

BE Instrumentation

Bharati Vidyapeeth College Of Engineering

Marks - 7.36

Year of Passing - 2017

Higher School Secondary Certificate

(HSC)

Atomic Energy Junior College,Anushaktinagar

Marks - 68%

Year of Passing - 2013

Secondary School Certificate (SSC)

Atomic Energy Central School 4, Anushaktinagar

Marks - 8.8 CGPA

Year of Passing – 2011

Project

Project 1

Title : GreenHouse Automation

Description:

The project was an outhouse project done from Western Regional Instrumentation Centre(A National Facility Centre of University Grants Commission,New Delhi). It involves controlling and monitoring of greenhouse parameters such as level, moisture,temperature and intensity of light inside the greenhouse enclosure using Arduino Uno as the controller.

Project 2

Title : Mosquito Repellent

Description:

Involves an IC555 Timer which is configured in Astable Multivibrator Mode,the frequency of this circuit is set to 25 kHz, this frequency falls in the ultrasound region and it is not audible to human beings.The Piezo buzzer converts the output of 555 Astable to ultrasonic sound that can be heard by the insects.This ultrasound frequency cause some irritations and uneasiness to the insects such as mosquitoes

Interests

Maintenance Operations | Field Instrumentation | Project Management | Plant Automation | Installation | Erection | Commissioning | Troubleshooting

Hobbies

Playing Football | Martial Arts | Computer Games

Extra Curricular Activities

- Participated in Festival of College Spring AAINA (2012)
- Participated in NCC (2008 -2009)
- Played for U14 and U16 Football team of school(2010 -2013)
- Played for U10 Volleyball team of school (2006 -2007)