

Aswin Remesan

Applied Electronics & Instrumentation - Graduate Engineer

A dedicated Instrumentation Engineering graduate, highly enthusiastic in the fields of automation, aerospace, automobiles, electric vehicles and IT. Looking forward to opportunities in collaborating Instrumentation with the advancements of IT & Automation.

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Canada

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SKILLS

Python JavaScript
CSS C/C++ HTML
LaTeX AutoCAD
Painting Arduino
SCADA CCS PLC
Mixed Martial Arts

LANGUAGES

English
Native or Bilingual Proficiency

Malayalam
Native or Bilingual Proficiency

Hindi
Intermediate Proficiency

INTERESTS

Automation
Aerospace
Automobiles
Computers

ACHIEVEMENTS

1st Position in Mega Competition, ROBOKART - IIT Bombay (Feb/2019)
Mega Competition on PLC program logic designing

WORK EXPERIENCE

Intern

Central Board of Irrigation & Power (CBIP)

Oct/2020 - Nov/2020

4 Weeks Online Internship program on Power Generation, Transmission & Distribution.

Delhi, India

Summer Intern

Cochin Shipyard Limited

Jan/2019 - Jun/2019

Achievements/Task

- Training in the departments of Ship Repair, Ship Building, Utilities & Maintenance Departments.

Cochin, India

Internship Student

GRAPHENE AUTOMATION PRIVATE LIMITED

Jan/2019 - Jan/2019

Achievements/Task

- During the period of the internship program, I've been exposed to the company's ongoing Total plant Automation and Control System for Activated Carbon Process.

Cochin, India

CERTIFICATES

Google IT Automation with Python Specialization (Professional Certificate)

Sept/2020 - Oct/2020

Which consists of **6 courses** that dealt with **Troubleshooting & Debugging, Python, Configuration Management & Cloud, Automating Real-World tasks with Python, using Git & GitHub** and using Python to interact with the Operating System

Introduction to Web Development (UC DAVIS, University of California)

Sept/2020 - Sept/2020

Using HTML, CSS, JavaScript & Cascading Style Sheets (CSS) to design and host websites

Python Programming: A Concise Introduction (WESLEYAN UNIVERSITY)

Jun/2020 - Jun/2020

Python Basics, using its libraries and using Python for data manipulation of files like CSVs, text documents...

Yokogawa Technical School Certified DCS & PLC Overview Course

Oct/2019 - Oct/2019

Using its Proprietary software and hardware for **PLC, DCS and SCADA**. Industry standard SIL levels, Safety PLCs.

PROJECT

Emergency Vehicle Guidance System (Jan/2020)

- Providing guidance for emergency vehicles like ambulance and firetrucks for fast movement through traffic using simpler means of tech. (Simplifying the problem to its basic fundamental requirement, therefore cost effective)

EDUCATION

Industrial Automation & Robotics - Graduate Degree (2023)

Niagara College, Welland, Canada --- (Sep/2022 – Aug/2023)

Bachelor's of Technology (B-Tech) / Bachelor's of Engineering (BE) year 2020

Rajagiri School of Engineering & Technology --- (Aug/2016 - Aug/2020)

Course: **Applied Electronics & Instrumentation**

- Operation Research, Aerospace & Navigation Instruments, Power Plant Instrumentation, Robotics, MEMS/NEMS, Biomedical Instruments, Microprocessor, MATLAB, Signal Processing, FABLAB, Sensors & Transducers