• +91 72280 55337 • djshah.1992@gmail.com

# Dhruvan Shah

Advanced Diploma Electronics Eng. (control system)
Seneca college, Toronto, Canada

B.E Bio-medical, LD Eng. College, Ahmedabad

## Objective

Seeking for a dynamic, challenging and rewarding position in an organization which would enable me to utilize my skills and competencies leading to professional growth.

## Work Experience

**Automation Programming Engineer at Mehta Cad Cam Systems Pvt. Ltd. (GIDC, Ahmedabad) Since Apr 2018 ~ present**

- Operate CNC machine using Beckhoff PLC:

- Project management and supervising individuals who are responsible for portion of the product project to ensure development schedules are met.

- Develop and maintain technical knowledge.

- Synchronization of PLC with hardware and software.

- Creating, writing and editing ladder diagrams as well as structured texts.

- Programming and troubleshooting axis movement through communication between PLC and Ethercat drives.

- Successful operation of NC codes for machining purpose.

- Support .net developers in developing HMI and verifying its operation.

- Yasakawa robot teach-in experience

## Hands on Experience:

- Operating Robotic arm using Siemens PLC

- Processing a stepped mixer in a sequential pattern using Allen Bradley PLC

## Technical Projects

- Mobile human fall protection system using airbag- device specifically designed for elderly and handicapped to protect them from a fall by inflating airbag.
- Fire alarm for domestic applications.

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## Professional Skills

**PLC  Proficiency:**
- Allen Bradley RS Logix 5000- proficiency in programming using ladder logic
- Siemens PLC TIA Portal- proficiency in ladder logic
- Beckhoff PLC using Ladder logic diagram and structures text.

**Programming Proficiency:**
- PLC programming
- Basic and Advanced C language programming
- Object oriented C++ programming
- C# programming
- VHDL programming by Statement and FBD

**Software  Skill:**
- RS logix 5000 (Allen Bradley)
- TIA Portal(Siemens)
- MS Office
- Linux
- Quartus II
- MS Visual Studio.
- Arduino
- Pads

## Education

| May 2015-Aug 2017 | Advanced Diploma in Electronics Eng. Technician (control system) | | Seneca College 3.8/4 GPA |
|---|---|---|---|
| May 2015-Aug 2017 | Additional Courses and Grades | | Seneca College |
| | Automated Systems -PLC (Allen Bradley) | A | |
| | Siemens PLC | A+ | |
| | Advanced Math | A+ | |
| | C++ programming | A | |
| | Electrical Machining | A+ | |
| | Digital Systems | B | |
| | Professional Ethics | A | |
| June 2010-May 2014 | B.E Biomedical Engineering | | (7.52/10) CGPA |

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# Dhruvan Shah

## Achievements

- Seneca President's Honor list (September 2016) for scoring 4/4 GPA

- Seneca President's Honor list (September 2015) for scoring 4/4 GPA

## Personal Details

| Date of Birth | 27$^{th}$ Nov 1992 | Language Known | English,Hindi,Gujarati |
|---|---|---|---|
| Place of Birth | Ahmedabad | Marital Status | Single |
| Nationality | Indian | Passport | Yes |
| Permanent Address | A/5 Surgiri Appt., Kiranpark, Navawadaj, Ahmedabad-13 | Present Address | A/5 Surgiri Appt., Kiranpark, Navawadaj, Ahmedabad-13 |

**With Regards**
Dhruvan Shah