**SWAMINATHAN M**

No. 70 B, First main street,

D R Nagar,

Puducherry – 605013.

8056411600

[swaminathan.m0908@gmail.com](mailto:swaminathan.m0908@gmail.com)

**CAREER OBJECTIVE**

To work in an ECE core organization where I can apply and enhance my skills knowledge as well as to contribute to the success of the company.

**EDUCATIONAL QUALIFICATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.no. | Qualification | Institution | Board/ University | Year of completion | % (or) CGPA |
| 1 | B.Tech., ECE | Pondicherry Engineering College | Pondicherry University | 2021 | 9.64(Till V semester) |
| 2 | HSC | Alpha Matriculation Higher Secondary School | Tamilnadu Board of Secondary Education | 2017 | 98.75 |
| 3 | SSLC | White Angels English High School | Tamilnadu Board of Secondary Education | 2015 | 98.4 |

**AREAS OF INTEREST**

* Electronic Circuit Design
* Embedded Systems
* Microprocessor and Microcontroller

**TECHNICAL SKILLS**

* Arduino microcontroller
* C, C++, Matlab, Python, Java
* Verilog and Spartan FPGAs

**ONLINE COURSES COMPLETED**

* Completed a six week online course on **“Data Science”** at **Internshala Trainings** from 6th June to 18th July 2019
* Completed a six week online course on **”Core Java”** at **Internshala Trainings** from 9th Dec to 20th January 2020
* Completed an eight week online course on ”**Introduction to Python”** at **NPTEL**

**WORKSHOP ATTENDED**

* Hands on workshop on **Python and Machine Learning** at Pondicherry Engineering College from 5th to 7th February 2018

**PROJECTS AND PAPER PRESENTED**

* Project titled **“Pick and Place robotic arm”**(Programmed a Lewan Soul robotic arm using inverse kinematics) at Learny Technologies, Puducherry as an intern
* Project titled **“Next gen of giving inputs**”(An innovative approach for paper presentation using hand gestures) at Innovative Design Laboratory, ECE department , PEC
* Project titled **“Driving made Comfy and safe”**(A small prototyping of smart helmet) at Above and Beyond Explorer Award competition-2019 conducted by ECE department, PEC
* Project titled **“Automatic Railway Management System”** at Above and Beyond Explorer Award competition – 2018 conducted by ECE department, PEC
* Project titled **“Attendance System using Face Recognition”** during ELECTROFOCUS’19, an inter-college technical symposium held at Madras Institute of Technology, Chennai
* Paper titled **“UAVs for Disaster Management”** at National level technical symposium held at Sathyabama Institute of Science and Technology, Chennai

**IN-PLANT TRAINING**

Undergone in-plant training in the departments of Testing, Inspection and Testing, Quality Management and Development and Engineering of **BHARAT ELECTRONICS LIMITED**, Chennai from 17th to 21st of June 2019

**ACHIEVEMENTS**

* Secured 3rd place in the DSP – online contest by **TEXAS INSTRUMENTS UNIVERSITY PROGRAM** conducted on 11th Sep 2019
* Won 2nd prize at Above and Beyond Explorer Award competition – 2019 conducted by Department of ECE, PEC
* Won Above and Beyond Award(2nd place) for the academic performance in the 2nd year B.Tech., ECE
* Won 1st place in Elocution and Essay Writing competition conducted by Literary Club of PEC on the occasion of National Education Day, 2017
* Won 3rd place in Nanotales competition conducted at CURIOSO 2k19, a literary fest of PEC
* Participated in the event “Circuits World” held at Technosummit 2k18, a national level technical symposium held at Sathyabama Institute of Science and Technology, Chennai
* Participated in Inter-collegiate Quiz competition held at Sri Manakula Vinayagar Engineering College, Puducherry
* Participated in the National Engineering Skill Development Exam 2019 conducted by **SKILL UNIVERSE** on 10th April, 2019

**PERSONAL TRAITS**

Positive attitude, time management, good communication skills, good learner and co-operative

**HOBBIES**

Playing chess, doing electronic hobby projects

**LANGUAGES KNOWN**

English, Tamil