

## ARCHANA SUBRAMANIAN

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**OBJECTIVE:** To obtain an internship / co-op position in electrical engineering

### **EDUCATION:**

#### **Master of Science, Electrical Engineering**

University of North Carolina at Charlotte, NC, USA

#### **Bachelor of Technology, Electronics and Communication Engineering**

SRM University, TN, India

### **SKILLS:**

- **Operating Systems:** Windows variants
- **Programming Languages:** C, C++
- **Design Tools:** High Performance Embedded Workshop (HEW) for Renesas SKP16C62P, Mentor Graphics ModelSim, MATLAB, Labview.

### **ACADEMIC PROJECTS:**

#### **RFID based automated shopping system, University of Texas at Dallas.**

- RF transmitter/receiver and Zigbee transmitter/receiver were designed.
- The system was implemented using AWR.

#### **Robot tele-monitoring system, SRM University, India.**

- Designed a robot tele-monitoring system based on GPRS and Zigbee.
- ATMEL AT89S51 and DALLAS DS89C450 microcontrollers were used.

### **IN-PLANT TRAINING:**

- Undergone an in-plant training in **DOORDARSHAN**, the public television broadcaster of India and a division of Prasar Bharati, a public service broadcaster nominated by the Government of India.
- An internship training in the electrical and instrumentation departments of **MANALI PETROCHEMICAL LTD. (MPL)**, which is a leader in the production and marketing of propylene glycol and polyols in India.

### **RELATED COURSEWORK:**

Random Processes      RF and Microwave System Engineering Embedded Systems

Intro to VHDL          Analog and Digital communication