# SHARIF SHAHADAT

**(504) 777-9824, sharif582@gmail.com**

**LinkedIn-** http://www.linkedin.com/in/sshahadat


## OBJECTIVE

Obtain a Technical/Field Support Engineer position to use my 2 years of engineering, educational and technical support skills to make my way up to a System Administrator.

## EDUCATION

**Master of Science in Electrical Engineering** — **GPA 3.60/4**
The University of New Orleans, Louisiana — **May 2017**

**Bachelor of Science in Electrical and Electronic Engineering** — **GPA 3.43/4**
Ahsanullah University of Science and Technology, Bangladesh — **February 2012**

## TECHNICAL SKILLS

- **Programming Languages:** MATLAB, Python
- **Tools and Framework:** LabVIEW, Multisim, Microsoft Office, Xilinx, LOGO Soft Comfort, VMware Player, TeamViewer

## JOB EXPERIENCE

### Graduate Teaching Assistant

**University of New Orleans, New Orleans, LA** — **Aug 2015 – Dec 2016**

- Training and mentoring students for Digital System Design class and Logic Circuits Lab
- Grading Digital Logic Lab and class
- Building student understanding in Logic Circuits and Electronics Lab
- Enhancing the educational environment by providing tutoring and mentorship
- Facilitating increased productivity through professor support activities

### Student Grader

**University of New Orleans, New Orleans, LA** — **Jan 2015 – May 2015**

- Graded assignments for 3 courses (Circuits-I, Circuits-II, Digital Logic Design)
- Helping to empower students by providing constructive reviews

### Transmission Engineer

**Starlink Technologies Limited, Bangladesh** — **Jan 2012- Feb 2013**

- Utilized computer-aided design software (CAD) to create system designs
- Researched potential materials, equipment and designs to fit system requirements
- Collaborated with peers and clients to determine specific system needs and requirements
- Installation and commissioning of Huawei Base Transceiver Systems

## ACADEMIC PROJECTS/THESIS

**Improving a Particle Swarm Optimization-based Clustering Method (MS Thesis)** — **March 2016**

- Reviewed existing data clustering algorithms
- Proposed improvements over a data clustering algorithm based on Particle Swarm Optimization

**Physical Security System Development Based on Arduino** — **March 2016**

- Fully functional home security system has been developed using Arduino
- Prototype was compact and fully functional

**4-bit Microprocessor Design and Performance Analysis of Its Components** — **April 2015**

- Designed 4-bit microprocessor and simulated using DSCH2
- Analysed and verified functions of different components of the microprocessor

## WORK AUTHORIZATION: F-1 OPT