**Tri Phan**

**8062 Split Pine Dr. Houston, Texas 77040 (281) 301 – 9585** [**triphan2204@gmail.com**](mailto:triphan2204@gmail.com)

**OBJECTIVE**

Seeking internship or full-time opportunities with energy and renewable energy company, utilizing strong problem solving skill, creativity and critical thinking.

**EDUCATION**

**Bachelor of Science in Electrical Engineering** December 2017

University of Houston – Houston, Texas

**Concentrate in power and renewable energy**

**RELEVANT COURSEWORK**

Circuit and system, numerical method, micro-controller system, electro-mechanical energy conversion

**RELEVANT PROJECT**

**Guitar tuner**

* Designed and implement series of filters
* Identify and optimize the placement of high order high-pass, low-pass, band-pass filter

**Frequency Visualizer**

* Designed and implement multiple filter to LED relationship
* Create a 16 x 16 resolution LED display board.
* Establish connection such that intensity of different frequency is displayed on 16 x 16 LED board

**EXPERIENCE**

**Intern** June 2016 – September 216

Lumen Motor – Houston, Texas

* Learn and apply knowledge to develop a battery system for an electric vehicle prototype
* Design, construct and test the battery prototype
* Assist with quality and inventory control
* Make plans for an environment suitable innovation, and effective solutions to improve battery system
* Inspect finalized battery design to insure it meets or exceeds standard quality
* Actively assist the CEO, CTO, CSO, and VP in technical and engineering developments of the vehicles
* Be a technical voice and expert of all company products and innovations to media relations

**SKILLS**

* Read, write and speak fluently both English and Vietnamese
* Proficient in computer language (C++, Java, C#, SQL, Matlab)
* Knowledgeable in circuit design/analysis
* Strong problem-solving skill
* Ability to work under pressure
* Team oriented
* Self-motivated