**Kaushik Mandiga**  
3910 Bellows Bend Ct. Katy TX  
Home: (281)392-2694

Cell: (281)736-9715  
E-mail: [kaushik67mandiga@gmail.com](mailto:kaushik67mandiga@gmail.com)

**OBJECTIVE**

To obtain an electrical engineering internship for Summer 2017.

**EDUCATION**

**Major: Undergraduate Electrical Engineering**

* Current GPA: 3.071
* Member of the Honors College
* Expected Date of Graduation: Spring 2018

**Relevant Coursework**

* Programming Applications in ECE
  + Learned various concepts including conditional structures, recusion, and classes
  + Learned to program applications that included image and audio processing
* Signals and Systems Analysis
  + Learned to analyze system response to input signals
  + Used advanced circuit analysis techniques such as the Laplace and Fourier Transform
* Digital Logic Design
  + Programmed an FPGA board in Verilog to simulate projects involving logic gates
* Data Structures
  + Programmed in both Java and C++
  + Learned about Object Oriented Programming and Data Structures such as stacks, queues, linked lists, trees, and hash tables

**Work Experience**

* University Physics 1 Facilitator: August 24, 2015 – May 2, 2016
  + Assisted students in physics related subjects and learn various methods of conveying information in order for my students to fully understand concepts
  + Organized material relevant to the course lecture for my students to cover
  + Taught students one-on-one about learning strategies and studying skills
* College Pre-Calculus Facilitator: August 22, 2016- Present

**SKILLS/INTERESTS**

* Exposed to additional programming languages including MATLAB and LabView
* Proficient with Microsoft Word, Excel and Powerpoint
* Member of IEEE (2014-Present)
* Member of HEP – Honors Engineering Program (2014-Present)
* Member of PROMES(2014-Present)