

# Stephen Gilliland

1495 Walnut Hill Road, Smithfield, Pennsylvania, 15478

(724) 880-3742 || [stephengilliland07@gmail.com](mailto:stephengilliland07@gmail.com)

---

## Experience

---

### **Manufacturing Co-Op Intern, Advanced Acoustic Concepts, Lemont Furnace PA**

**09/2011 – 05/2016 || 10/2016 – present**

- Constructed a variety of electronic assemblies. Building these assemblies required skills in soldering, wiring, terminating wires, cable and harness assembly and installation, and other electrical and mechanical assembly.
- Assisted Test Department with troubleshooting of units on many occasions.

### **Electrical Engineering Intern, Mylan Pharmaceuticals, Morgantown WV**

**05/2016 – 08/2016**

- Gained experience in project management by coordinating various projects. Contributions to these projects included: Obtaining quotes, procuring parts, completing design drawings, and general coordination of different departments.
- Completed electrical design for compactor motor drive upgrades from a variable pitch pulley design to a modern variable frequency drive.
- Contributed in the development of a sensor interlock system to ensure that V-blender lids are properly tightened prior to machine startup.

---

## Education

---

### **B.S. in Electrical Engineering Technology, California University of Pennsylvania**

**Spring 2014 – Present.**

- Major GPA: 3.3 || Overall GPA: 3.2 || Dean's list: fall 2013, 2014, 2015, 2016.
- Expected graduation: May 2017.

#### **Relevant Courses:**

- |                              |                             |
|------------------------------|-----------------------------|
| - Automatic Control Systems  | - Instrumentation Design    |
| - Microprocessor Interfacing | - Digital Signal Processing |
| - Microprocessor Engineering | - Intro to Electric Power   |

---

## Familiar with:

---

**Programs:** AutoCAD, LabVIEW, KiCad, Microsoft Word, Excel, Multisim, MATLAB.

**Programming Languages:** C, C++, Python, Assembly Language. **Operating Systems:** Windows, Linux. **Other:** Arduino, Raspberry Pi, PSoC (Programmable System on Chip).