

## **Zachary T. Gilbert**

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### **SCHOOL ADDRESS**

302 Schulze Hall  
University Park, PA 16802

### **HOME ADDRESS**

123 Charles Avenue  
Stewartstown, PA 17363

**OBJECTIVE:** To obtain an internship experience in the field of electrical engineering.

**EDUCATION:** **Bachelors of Science in Electrical Engineering** May 2017  
The Pennsylvania State University – University Park

**EMPLOYMENT HISTORY:** **Maintenance & Office Duties** March 2011–July 2013

*Hopewell Area Recreation & Parks, Stewartstown, PA*

- Completed maintenance and setup on 4 baseball fields, 5 soccer fields, and all park buildings encompassing approximately 15 acres
- Handled office tasks including email, communication with residents, assisting with financial reports, program registration, and monthly meeting preparation

**Laborer, Solar Electrical Installation** Summer 2010

*Stewartstown Electrical Service, Stewartstown, PA*

- Aided in installation of photovoltaic systems including panel installation and wiring systems
- Provided labor on service upgrades and commercial building updates

**Farmhand** January 2008–Present

*Whispering Spring Farm, Stewartstown, PA*

- Perform farm labor including planting, wood harvesting, equipment and tractor maintenance, lawn/pasture care, and upkeep of barns and outbuilding

**SKILLS:**

- Proficient in Auto CAD 2013, capable of 2D and 3D modeling
- Familiar with QuickBooks accounting software
- Strong mechanical skills from working on vehicles and farm machinery
- Gained basic wiring/electrical skills working under Master Electrician

**HONORS & AWARDS:**

- Eagle Scout, Boy Scouts of America, December 2012
- National Honor Society, inducted February 2012
- Venturing BSA Bronze Award, June 2013

**ACTIVITIES:** **Penn State FSAE Racing Team** Fall 2013–Present

*Powertrain System Member*

- Parts production using manually operated metal lathe and mill
- Training in use of CNC milling machine and CAM program

**Mech. Engineering Research, PTI at Penn State** October 2013–Present

*Undergraduate Assistant*

- Aiding in the setup of immersive driving simulator to develop safety controls on large agricultural equipment

**National Youth Leadership Training, BSA** January 2010–July 2012

*Assistant Course Director of Youth Operations*

- Planned and carried out the BSA's national training program
- Directed a staff of 30 youth and adults over two summers, teaching groups of 72 and 85 young men and women, each summer in a weeklong, hands-on, outdoor program