

## **Andrew Nelson**

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325 Alexander Drive  
Allentown, PA 18104

### **Education**

**Penn State University**, University Park, PA – College of Engineering, Mechanical Engineering Major

**Rochester Institute of Technology**, Rochester, NY

16 college credits earned in High School, *Project Lead the Way*, Honors Engineering Program

- Introduction to Engineering Design, Principles of Engineering, Digital Electronics and Computer Integrated Manufacturing

**Parkland High School**, Allentown, PA - Graduated June 2014

Cumulative GPA 3.6; Honor Roll

Courses completed:

- Honors: PLTW Engineering, Analytical Geometry, Trigonometry, College Algebra and German 4
- AP: Calculus, Physics and German 5
- Production Materials and Processes
- Manufacturing Systems
- Web Page Design

Proficient in SolidWorks and Autodesk Inventor

Basic experience in Rapid prototyping, CNC milling, Laser engraving and other shop machinery

### **Work Experience**

*Cashier*, **Giant Food Stores**, October 2013 – July 2014

- Responsible for check lane financial transactions and front line customer service
- Trained in retail store operations computer systems, HR policy and safety procedures

*Instructor*, **Parkland School District**, September 2012 – December 2012

- *Elementary World Language Experience Student-to-Student Program*
- Taught a 10 week Introductory German Language course to 2<sup>nd</sup> grade students
- Created weekly lesson plans that met coursework guidelines and were interactive and fun

*Dog Walker, Handyman and Therapy Dog Volunteer*

### **Activities and Interests**

- Engineering Club, Parkland High School 2012/2013/2014
  - Competed in the Vex Robotics World Championship, Anaheim, CA - April 2014
- Delta Epsilon Phi, German Honor Society and German Club
- Soccer and Baseball, South Parkland Youth Association
- Travel