

# ANDREW J. PLESNIAK

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## OBJECTIVE

To obtain an Engineering Internship for the summer of 2017

## EDUCATION

University of Pittsburgh, Pittsburgh, PA  
Bachelor of Science

Expected: April 2019

**Major:** Mechanical Engineering

**Current Progress:** Sophomore

**Cumulative GPA:** 3.7

## HONORS

University of Pittsburgh Chancellor's Nominee Scholarship

September 2014

IBM- Thomas J. Watson Memorial Scholarship

June 2015

Frank W. Preston Engineering Scholarship

June 2015

## TECHNICAL SKILLS

- Computer Aided Design/Manufacturing (CAD/CAM) Programs
  - SolidWorks
  - Autodesk products: AutoCAD, Inventor
  - MasterCAM
- Programming Skills
  - C++ and JavaScript
- MATLAB
- Manufacturing knowledge
  - Experience with Computer Numerical Controlled (CNC) equipment
  - Machine shop experience
  - Fabrication of custom parts
- Rapid Prototyping
- Basic Front End Web Development
- Microsoft Office Products

## EXPERIENCE

Mascaro Center for Sustainable Innovation

January 2016 - Current

Research Assistant to Professor William Clark

- Researched mapping human motion with inertial measurement units
- Headed project evaluating new inertial measurement technology

Treesdale Country Club, Mars, PA

July 2013 – August 2015

Golf Concierge and Golf Cart Attendant

- Welcomed club members and ensured customer satisfaction
- Coordinated the distribution, use, and cleaning of 120 golf carts each day

## LEADERSHIP

Engineering Student Council

September 2015 – Current

- Freshman E-week Co-Chair
- Collectively planned the largest annual event in the Swanson School of Engineering

## RELEVANT COURSES

The Art of Making: An Introduction to Hands on System Design in Engineering

Honor's Engineering Analysis and Programming

Differential Equations