

# Douglas Reis

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- Committed individual ready to begin a career in the field of engineering.
  - Possesses necessary dedication as well as interest in engineering proven through the achievement of a high GPA at an esteemed university.
  - Displays knowledge as well as desire to contribute in a productive manner with a team oriented attitude.
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## Education

### University of Pittsburgh — Pittsburgh, PA

December 2011

Bachelor of Science in Mechanical Engineering

3.81 GPA

Summa Cum Laude

#### Select Courses:

Finite Element Analysis, Fracture Mechanics, Vibrations, Introduction to Nuclear Engineering, Nuclear Plant Technology

#### Senior Design Project:

"Magnetic Levitator"

- Created magnetic levitation device and control system.
- Volunteered to fulfill the duties of the team leader.
- Working magnetic levitator can be seen at the following link:  
<http://www.youtube.com/watch?v=pnnnTwnZxCA>

#### Sensor Experience:

Hall Effect Sensors, Strain Gauges, Accelerometers, RTDs, Thermocouples, Hotwire Anemometers, VIC-3D System (Full-Field Measurements)

### Penn State Greater Allegheny — White Oak, PA

May 2009

3.64 GPA

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## Experience

### Bombardier Transportation — Pittsburgh, PA

CADD Services Intern, Summer of 2010 and 2011

- Worked in the CADD Services Group assisting experienced engineers with the design of automated people movers while learning the design process in a manufacturing environment
  - Completed 3D models, detailed drawings, and assembly drawings requiring GD&T and weld specifications using Pro/Engineer and AutoCAD
  - Participated in various charity events including Helping Hands and Day of Caring
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## Computer Skills

*Pro/Engineer*

*SolidWorks*

*MathCAD*

*AutoCAD*

*Ansys*

*Microsoft Office*

*Autodesk Inventor*

*MATLAB*

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## Future Goals

- Become licensed as a professional engineer
- Continue a college education to attain a master's degree
- Obtain a position that allows both professional and personal growth