

**Justin Cole**  
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[JustinRCole.net](http://JustinRCole.net)

**OBJECTIVE**                    To obtain a career that will put my education as a mechanical engineer into practice.

## **EDUCATION**

**Bachelors of Science, Mechanical Engineering    GPA:2.8/4.0**

WVU Institute of Technology, Montgomery, WV

May 2009

- Recent Projects:  
    Electric-Motorcycle Conversion, SAE Baja Buggy, Robotic Airsoft Turret
- Favorite Courses:  
    Mechatronics, Machine Design, Automatic Controls, Basic Circuits, Vibrations

## **EXPERIENCE**

**Co-op**, Alcan Rolled Products, Ravenswood, WV

Summer 2007, 2008

- Learned the inter-workings of an engineering team in an manufacturing environment
- Led small plant improvement projects
- Created and edited plant/parts drawings

## **SKILLS**

- Mechanical Engineering w/ focus on Machine Design.
- FE Certified on 12/17/09
- Ability to lead.
- Project oriented.
- Dedicated to lifelong learning.
- Likes to get hands dirty.
- Great communication and organization skills.
- Practical knowledge of fabrication techniques.
  - Welding, grinding, fiberglass work, mockups, drilling, prototyping, etc.

## **COMPUTER SKILLS**

- Autodesk Inventor and AutoCAD
- Siemens NX6 w/Nastran
- Solidworks
- Microsoft Office
- Windows (XP, Vista, 7) and Linux
- C#, Python, Visual Basic, HTML
- Arduino and Fez microcontrollers

## **LEADERSHIP**

**President**, WVU Tech SAE, Montgomery, WV

2007 – 2009

- Organized meetings, recruitment, email, and website
- Organized and participated in fabrication
- Created Budgets, obtained sponsorship, and participated in racing

## **ACTIVITIES AND INTERESTS**

- ASME and SAE (American Society of Mechanical Engineers and Society of Automotive Engineers)
- Electric Vehicles, Alternative Energies
- Robotics, Microcontrollers, Computers
- Working on projects, Snowboarding, Movies, Music, Ultimate Frisbee, and Soccer

(References available upon request)