



PROFESSIONAL RESUME

Timothy J. Eakins
1436 Main Street
Louisville, CO 80027
303-666-8811

EDUCATION:

B.S. – Engineering Physics, Colorado School of Mines, 2007

PROFESSIONAL ENGINEERING CONSULTATION

- **Accident Reconstruction**
Motor vehicle: Automobile, Truck, Bus
Recreational Vehicles: Motorcycle, ATV, Watercraft
Construction / Heavy equipment
Pedestrian
- **Failure Analysis**
Automotive, truck and bus mechanical failure
Recreational vehicle mechanical failure
Construction and industrial equipment failure
- **Design and Testing**
Product development
Safety analysis
Test fixture design and fabrication
- **Reconstruction Capabilities**
Accident scene survey
Vehicle damage documentation/CDR Download
Visibility
Driver Response
Vehicle performance characteristics
Vehicle dynamics

PROFESSIONAL AFFILIATIONS

- Engineer Intern, State of Colorado
- Society of Automotive Engineers (SAE)

PROFESSIONAL EXPERIENCE

2006-Present Project Engineer, Impact Consulting Engineers
Provide engineering consultation in accident reconstruction, failure analysis, product liability and mechanical design and testing

NOTABLE PROJECTS

- Colorado School of Mines Senior Design
Design and testing of steering and suspension systems for a more stable all-terrain vehicle. Recipient of Best Presentation award 2007.
- Motorcycle Safety Foundation, Rider Course July 2007
- Engineering Dynamics Corporation EDC Reconstruction Training Course January 2008