



Progressive Insurance Company                      Apr – Aug 2005                      Mayfield Village, OH  
**Pricing Analyst**

- Automated data collection and analysis for loss trend, premium trend, indication, and mix reports
- Completed territory rate capping scenario analysis for California Dept. of Insurance

The Goodyear Tire and Rubber Company      Jun 2004 – Feb 2005                      Akron, OH  
**Technical Development Program**

- Developed database and analysis tools for gauging tire performance and adjustments
- Converted DOS-based calculation software to user-friendly Excel Spreadsheet and database
- Derived rolling resistance crosstalk equation to double throughput of rolling resistance machine

General Electric Conmec                      May – Aug 2003                      Bethlehem, PA  
**Marketing / ITO Group Co-op**

- Responsible for development of time-saving software to plot compressor performance curves
- Designed compressor solutions to meet customers' needs

General Electric Power Systems              May – Dec 2002                      Schenectady, NY  
**Generator Services NPI / Engineer Co-op**

- Responsible for development and beta testing of generator servicing apparatus
- Submitted 6 invention disclosures for improvements in the design of servicing instrumentation
- Completed two Six Sigma quality and cost improvement projects

Self-employed                      1995-present                      Allentown, PA  
**Computer Consultant and Application Developer**

- Specializing in developing databases and software to automate routine time-consuming tasks
- Developed and maintained computer equipment and websites for clients

**Other Projects and Experience:**

2007-2008 Led development of Ampulmatic – Automatic Ampule Sealing Device

2007-2008 Developed Production Scheduling Database for Pepsi

2002-2008 Kiln Engineer and Programmer, Ceramic Services, Inc.

**Honors /  
Activities**

Senior Honors Thesis – Diesel Engine Modeling

Six Sigma Greenbelt DMAIC trained

Licensed Private Pilot

Filed a US Patent Application with GE

Member of FutureTruck HEV Team

Presented at SAE World Congress 2003

Life Rank, Boy Scouts of America