

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

RICH ADAMS **Bicycle Expert**

Twenty-four years of professional bicycle construction, repair and maintenance. Designed, built, and sold over 100 frames to bicycle enthusiasts, amateurs, and racing teams. Worked on the highest level of componentry offered in the bike industry. Extensive touring and road and mountain bike racing experience.

PROFESSIONAL EXPERIENCE

- 2008 to present **Robson Forensic, Inc.**
Associate
Provide technical investigations, analysis, reports, and testimony towards the resolution of commercial and personal injury litigation involving bicycles, bicycle components, bicycling and failure analysis.
- 2004 to present **Around Town Bicycles, Inc.**, Wilkes-Barre, PA
Co-Owner
Operate a full service retail bicycle shop. Manage all aspects of sales and service, ordering, customer service, billing, consultation. Create and implement marketing and sales strategies. Facilities management of 6000 ft² building.
- 2000 to present **Rich Adams Custom Fabrication**, Wilkes-Barre, PA
Frame Builder
San Francisco, CA
2004-present
2000-2004
Design and build custom steel framesets, perform frame modifications and repair steel frames and forks. Operate machinery such as a milling machine, lathe, and drill press. Perform frame alignments.
- 2001 to 2003 **Medina Cycleworks**, Berkeley, CA
Bicycle Mechanic
Custom assembly of high-end road and mountain bikes. Wheel building, suspension overhaul, and tune-ups.
- 2000 to 2001 **Start To Finish Bicycles**, San Francisco, CA
Bicycle Mechanic
Daily responsibilities include basic tune-ups to complete overhauls, new bicycle assembly, and wheel building.
- 1995 to 1999 **DNS Electronics**, Sunnyvale, CA
Process Technician
Responsible for daily operation of Photolithography Application Laboratory. Conducted various testing on temperature and humidity control systems, scrubber particle systems, coaters and developers. Facilities management of clean room environment.

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1995 to **Allegro Microsystems, Inc.**, Willow Grove, PA
1997 *Associate Engineer*

Supported semiconductor production in the Photolithography and Etch Areas. Performed detailed inspection of questionable circuitry patterns. Scrapped or reworked silicon wafers according to findings. Communicated these findings to first-shift staff.

1994 to **Ultrafast Inc.**, Malvern, PA
1995 *Process Technician*

Performed CVD coating on critical fasteners to create ultrasonic transducers in order to accurately measure loads on these fasteners during installation. Duties included surface preparation, coating and testing. Created instruction manual for operating the coating system.

EDUCATION

B.S. Materials Science & Engineering, Lehigh University, Bethlehem, PA
June 1994

Courses Included: Metal Joining Methods, Processes/Properties of Metals, Ceramics & Polymers; Deformation and Fracture Mechanics of Materials; Phase Transformations.

Additional Training:

TIG Welding on Bicycle Tubing, 60-hr. adult education course, Wilkes-Barre Area Vocational-Technical School, January 2005

Brazed Chromoly Frame Building, United Bicycle Institute, September 1999

TIG Welding Seminar, United Bicycle Institute, September 1999

PROFESSIONAL AFFILIATIONS

National Bicycle Dealer Association (NBDA), member
AIDS Ride in California, support mechanic

RIDING EXPERIENCE

Ride 1800 miles per year since 2004, including bike commuting in Wilkes-Barre, 400 miles per year

Bike commuting in San Francisco, 1997-2003

Road racing in Pennsylvania

Mountain bike racing, 1996-1997

Loaded touring (self-supported) through Cape Cod, Massachusetts; Vermont; Canadian Rockies, Alberta, 1986-1990