

JOHN D. BAILEY

OBJECTIVE

Gain mastery in the arts of engineering design, manufacturing, simulation, business management and team leadership.

WORK EXPERIENCE

Novatek/Reed-Hycalog 04/03 – Present (801) 318-4304
Mechanical-Manufacturing Engineer Provo, UT

- Automation, Machine design, Tool design, CAD using ProE Wildfire, Process improvement/design for manufacture, Project planning, Metal cutting and forming, Supervisor.

BYU Capstone 08/04 – Present (801) 422-7858
Project Leader Provo, UT

- Design and manufacture of a production machine for Woodgrain Millwork, Market research, Project scheduling and coordination, Training, CAD using Unigraphics.

BYU Fire Marshal 01/03 – 04/03 (801) 378-4468
Computer Specialist Provo, UT

- Development of fire systems mapping program using AutoCAD 2002, Dream Weaver, Photoshop, and PowerPoint, evaluation, design, and maintenance of fire prevention equipment.

FCHS 01/98 – 08/99 (970) 416-8000
Robotics Design Fort Collins, CO

- Team leader of F.I.R.S.T. and B.E.S.T. national robotics competitions, taught team members welding, machining, and drafting on AutoCAD 13.

Other positions held:

- *Research assistant, volunteer representative, salesman, bicycle mechanic, welder, deejay, delivery driver, painter, model, data entry, landscaping, cook, waiter, stocker, newspaper boy*

EDUCATION

99 - Present Brigham Young University Provo, UT
Manufacturing Engineering Technology
Spanish Minor
GPA: 3.6/4.0 *Graduation: Dec. 2005*

WORK RELATED SKILLS

Manufacturing Strengths

- Machine design, Automation, Hydraulics, Press design
- Lean manufacturing, 6 sigma, Process optimization
- Product design for manufacture/assembly/automation
- Design for CNC, CNC programming
- 2 yrs commercial machine shop experience
- MIG, TIG, Arc, Oxy/Gas welding/cutting, Brazing
- Plastics processing, Injection mold design

Business Related Strengths

- ProE Wildfire, Unigraphics, AutoCAD 2002, Solid Works, Dream Weaver, Quark Express, Word, Excel, Power Point, Outlook
- **Spanish fluency**
- Team leadership, Sales, Public speaking

AFFILIATIONS/AWARDS/ACTIVITIES

- Society of Manufacturing Engineers
- Sigma Delta Pi Spanish Honor Society
- Eagle Scout
- Kiwanis Youth Achiever of the Year
- B.E.S.T. Robotics State Champions
- Racquetball, Dancing, Sculpture

VOLUNTEER EXPERIENCE

- Volunteer representative in El Salvador for 2 years
- 5 years with Colorado Special Olympics
- 13 years service in the scouting program
- Eagle project (raised 12,500 books for the public library)

REFERENCES

Paul J. Wilbur
1500 Teakwood Ct.
Fort Collins, CO 80525

Professor of Mechanical Engineering
(970) 484-5940

Dr. Alvin F. Sherman
4048 JKHB
Provo, UT 84602

Professor of Spanish
(801) 226-2837

Dr. Mike Houghton
8283 Sunset Peak Ct.
Fort Collins, CO 80525

Orthopedic Surgeon
(970) 223-3719

Glenn M. Johns
206 TOMH
Provo, UT 84602

RMS Managing Director
(801) 378-5977

Dr. Rulon Stacey
2921 Waterstone Ct.
Fort Collins, CO 80525

Poudre Valley Hospital CEO
(970) 204-0951