

Robert Andrew Haines, PE

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EXPERIENCE

- 2006 - present Owner / Principal Design Engineer / Specification Writer / Drafter / Field Engineer / Accountant / Sales Manager
Haines Engineering Consultants, Salem, OR
Haines Engineering Consultants, Du Quoin, IL
- 2001 - 2006 Mechanical Engineer / Project Engineer
Asaturian Eaton & Associates, Carbondale, IL
- 1993 - 1994 & 1999 - 2000 Mechanical Engineer / Field Engineer
Penta Engineering, St. Louis, MO
- 1994 - 1998 Partner / Vice President Engineering / Operations Manager
Spinnaker Incorporated, Du Quoin, IL
- 1992 - 1993 Manufacturing Engineer
Gilbert Engineering, Glendale, AZ
- 1992 - 1999 Database Programmer / Systems Consultant
Self Employed, Tempe, AZ & St. Louis, MO
- 1987 - 1992 Database Programmer / Computer Sales
DataComm Systems, Carbondale, IL

PROFESSIONAL DEVELOPMENT

- Registered with the National Council of Examiners for
Engineering and Surveying (NCEES)
Professional Engineer - State of Illinois
Professional Engineer - State of Missouri
Professional Engineer - State of Oregon
Professional Engineer - State of Pennsylvania
- 1992 BS Mechanical Engineering
Southern Illinois University, Carbondale, IL

SKILLS

Building Systems Design - Mechanical and Electrical,
Building Lighting Design, CAD Drafting (AutoCAD),
CNC Programming, Microcontroller Programming (ANSI C),
Metal Working, Woodworking