

Stephen Haines

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Senior Thesis Portfolio: www.engr.psu.edu/ae/thesis/portfolios/2008/sah285

OBJECTIVE

To obtain a full-time position in the field of mechanical engineering and design upon graduation

QUALIFICATIONS

Experience performing load calculations, equipment sizing, and ductwork layout for HVAC systems

Thorough background using AutoCAD and Trace

Solid understanding of building electrical and HVAC systems

Hard worker, dedicated, very responsible, and a quick learner

EDUCATION

The Pennsylvania State University, University Park, PA

- Bachelor of Architectural Engineering, mechanical option, 5-year professional degree – ABET accredited
- Minor in Architecture Studies
- Expected graduation date: May 2008
- Cumulative GPA: 3.43/4.0

Education Abroad

- Studied abroad summer 2006 in Rome, Italy

Passed FE Exam April 2007 - EIT status received upon graduation

RELATED WORK EXPERIENCE

JBA Consulting Engineers, 2007 Summer Internship, Las Vegas, NV

- Performed mechanical load calculations, equipment sizing, and ductwork layout on a 4,000 seat theater hall and a 1,500 seat theater hall for ECHELON Resorts Las Vegas
- Designed mechanical systems, ductwork and diffuser layouts for Diamond Jo Casino, Dubuque, Iowa
- AutoCAD drafting for the Wynn Encore Hotel, Las Vegas and Guest Suites Tower for ECHELON Resorts Las Vegas

JBA Consulting Engineers, 2006 Summer Internship, Costa Mesa, CA

- Performed mechanical load calculations for a *Hyatt* hotel
- Redesigned mechanical rooms at *Long Beach Memorial* Medical Center

HONORS

Penn State ASHRAE Student Branch Officer, Dean's List, and a former member of The Pennsylvania State University Marching Blue Band

REFERENCES

Available upon request