David R. Jendras, EIT

david.jendras@gmail.com

102 Huntington Road
Garden City, NY 11530

Home – (516) 294-0922
Cell – (516) 551-3374

Objective:

To obtain a full-time position in Heating, Ventilating, and Air Conditioning (HVAC) Design

Education:

Rensselaer Polytechnic Institute – Dean's List – GPA of 3.6/4.0 — Class of 2008
BS – Mechanical Engineering; Minor – Economics

New York University School of Continuing and Professional Studies — Fall 2008, Spring 2009
HVAC Systems Design 1 – 4

Computer Experience:

Knowledge of Microsoft Visual Basic, Matlab, Maple, SolidWorks, AutoCAD, Trane Trace

Work Experience:

AKF Group, New York City, New York — June 2008 – February 2009

- Heating, Ventilating, and Air Conditioning (HVAC) Design Engineer (Entry Level).
- Calculated heating and cooling loads for building systems and LEED requirements.
- Surveyed existing mechanical systems in buildings including the Empire State Building.
- Responsible for maintaining status reports for various HVAC equipment installations.
- Given the task to analyze multiple design documents, correct discrepancies, and prepare final corrected copies within required timeframes for projects including the World Trade Center - Retail Redevelopment.

Telephonics Corporation, Farmingdale, New York — Summer 2007

- Interned in Design and Drafting Department of the Communications Systems Division.
- Produced CAD drawings for a new automatic test equipment station.
- Gathered data about parts within program to determine their likelihood to pass fungus tests.
- Operated and maintained Rapid Prototyping machine and support equipment.

Center for Automation Technologies and Systems, Troy, New York — Jan 2007 – May 2007

- Programmed and integrated vision system into Automated Fuel Cell Stack Assembly.
- Integrated camera into automation system for more reliable gasket placement in High Temperature MEA Fuel Cell Stacks.

Telephonics Corporation, Farmingdale, New York — Summer 2006

- Interned in Mechanical Engineering Department of the Command Systems Division.
- Designed crash safety boxes for various components of the radar system.
- Designed component mockups for environmental testing.
- Assisted team with attaching accelerometers to Antenna Pedestal during vibration testing.

Rensselaer Polytechnic Institute, Troy, New York — Jan 2006 – May 2006

- Physics – Undergraduate Teaching Assistant
- Assisted professor during class labs – 7 hours/week
- Prepared the labs, graded activities, and fielded questions from the students.

College Activities:

- Ecologic – Treasurer of the environmental club on campus.
- Habitat for Humanity – Spring Break Coordinator – Assisted a team of student volunteers to build affordable housing in Mechanicsville, Virginia and Easley, South Carolina

Professional Affiliates and Achievements:

- Passed the Fundamentals of Engineering (Engineer in Training) Exam
- American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)
- Tau Beta Pi – National Engineering Honor Society
- Pi Tau Sigma – Mechanical Engineering Honor Society