

Avram Pearlman, EIT

1016 F Street #8 Arcata, California 95521 • (415) 272-0079 • alp20@humboldt.edu

AREAS OF TECHNICAL COMPETENCE

Hydrogen and Related Technologies, Renewable Energy Power Systems, Systems Analysis and Optimization, Graphic Design, AutoCAD, GIS, Residential Construction

EDUCATION

Humboldt State University

August 2000 – May 2005

BS – Environmental Resources Engineering Cumulative GPA – 3.47 on a 4.00 scale
Minor – Applied Mathematics

Coursework Advanced Thermodynamics, Renewable Energy Power Systems, Solar Thermal Energy Systems, Groundwater Systems, Residential and Commercial Energy Audits, Applied Global Information Systems.

Activities Schatz Energy Research Center, Volunteer Docent (2004, 2005)
ASCE Student chapter, Officer (2003)

Honors Winner NHA's Hydrogen Design Competition (2004, 2005)
Peer Choice Award, Wastewater from your kitchen and beyond (2002)

WORK EXPERIENCE

Evolution Energy Systems

January 2006 to present

Engineer

Feasibility Study

Responsibilities Design and implementation of a demonstration Hydrogen Power Park. Meet with stakeholders to develop working relationships, develop and analyze different alternatives, calculate costs related to various system components, design and deliver power point presentations. Work in a dynamic team setting.

Cypress Grove Chevre

September 2005 to April 2006

Systems Engineer

Quality Control and Systems Analysis

Responsibilities Determine shipping solutions for temperature sensitive products. Conducting experiments to create shipping standards. Locating equipment to increase production efficiency. Implement energy saving strategies. Develop inventory procedures.

Winzler and Kelly

June 2005 to August 2005

Engineer

Civil Engineering

Responsibilities Assist with LEED documentation process, STEP system design, research information relating to various projects, water system construction for test site.

Indian Health Services

May 2003 to August 2003

Internship

Environmental Engineering

Responsibilities Assist engineers in design, survey and inspection, specific projects including infrastructure mapping using GIS and contract development.

COMPUTER SKILLS

Software Microsoft Office Suite, Adobe Creative Suite, Macromedia Products Suite, AutoCAD, ArcView, FORTRAN, MatLab[®]

OS Linux, Macintosh, Windows 95/XP

SAMPLE PUBLICATIONS

1. Evolution Energy Systems. (2005). *Design Proposal for a Hydrogen Power Park*. NHA 2005 Annual Conference.

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Selected References

Evolution Dave Carter, Project Manager

Energy Phone: (707) 407-7252

Systems Email: djc34@humboldt.edu

Cypress David Estes, Plant Manager

Grove Phone: (707) 825-1100

Chevre Email: david@cypressgrovechevre.com

Winzler Steve Salzman, P.E.

And Phone: (707) 443-8326

Kelly Email: stevesalzman@w-and-k.com