

# BERNARD F. LLANTERO

*Research Engineer*

## EDUCATION

**1996-2000**                      *California State University Long Beach*

☼ Bachelor of Science in Mechanical Engineering

**1994-1995**                      *California State University, Los Angeles*

## ACADEMIC HONORS & ACTIVITIES

- ☼ Pi Tau Sigma – National Honorary Mechanical Engineering Society
- ☼ ASME International Student of the Year, 1999
- ☼ 1997-1998 ASME International Student Chapter President
- ☼ Aid to revitalize SAE Student Chapter at CSULB
- ☼ HVAC-R Certification (On progress -- 3 units to go)
- ☼ HVAC-R Scholarship (Los Angeles Section)
- ☼ Co-Founder of the Friends of Mechanical Engineering at CSU Long Beach.
- ☼ Los Angeles County M.T.A. Scholarship

## SKILLS & COURSE WORKS

- ☼ Dynamic Feedback Control System;
- ☼ Material Science; Mechanics of Deformable Bodies;
- ☼ Machine Components Design and Analysis (Senior Project: Gear Driven Oil Pump – Designed and Produced)
- ☼ Principles of HVAC; Thermodynamics; Power Plant; Heat Transfer;
- ☼ AutoCAD; Solid Works; IDEAS;
- ☼ Microsoft Office; Adobe Software Programs; Networking;
- ☼ MS SQL; HTML; ColdFusion; Macromedia Flash

## EXPERIENCES

**Feb 2003-Present**            *Roger Clark Associates, LLC (Paramount, CA)*

**Research Engineer**

- ☼ Assist Conducting field accident investigations.
- ☼ Vehicle accident reconstructions, performing and conducting vehicle inspections or instrumented tests in the field.
- ☼ AutoCAD drafting and Computer Simulation.
- ☼ Research vehicles relating to specifications.
- ☼ Maintains all computer network, workstations, servers, hardwares, and software programs for the company.

**June 2000-May 2003 C.S.U. Long Beach, Foundation (Long Beach, CA)**

**Systems-Network Administrator**

- Responsible in maintaining all hardware and software currently in use in various projects. In-charged of all digital sounds and voice timings for the e-book projects.
- In charge in acquisition of data and delivering projects on service on time.

**Jan 1997- June 2000 CSULB: College of Education (Long Beach, CA)**

**Professor's Assistant**

- Assist professor during class instruction and responsible for the class during laboratory period.

**1992-1995 Daniel, Mann, Johnson, & Mendenhall (Los Angeles, CA)**

**Engineering Aide**

- Responsible in producing AutoCAD layout of mechanical designs.
- Checked rebate applications for the Southern California Edison's energy rebate program for the Coachella Valley customers.
- Responsible in the updates of reports on energy consumptions of all USPS facilities surveyed nationwide. Calculated Energy Consumption Data.
- In-charged in updating project reports for the Los Angeles County Partnership (LACP) in the Rebuild Los Angeles Project (RLA).
- Volunteered time for the Rebuild Los Angeles Project.

**1991 (Summer) L.A. Department of Transportation (Los Angeles, CA)**

**Engineering Aide**

- As built blue prints for the Metro Red Line. Aid design of temporary pavement stripping/markings and detours during constructions of the Metro Lines.
- Assist design traffic sign warnings for fabrication.

**1990 (Summer) Brinderson Engineering Company (Irvine, CA)**

**Engineering Aide**

- Surveyed Caissons' locations.
- As built blue prints for the Green Line.
- Assisted in Quality Control during concrete pour of caissons.

## PROFESSIONAL DEVELOPMENT

**August 2003 L.A. Sheriffs' STARS Center (Whittier, CA)**

- Crash Data Retrieval (CDR) Certification Course.

**May 2003 University of California, Riverside (Riverside, CA)**

- Accident Investigation: Tire Failure Analysis.





**2002 Macromedia Conference (San Diego, CA)**

- Conference of how to enable ADA-183 for web pages using Macromedia software.

**2001 Macromedia Flash (Glendale, CA)**

- 5-day course on the basics of Macromedia Flash.

## PROFESSIONAL AFFILIATION

-  American Society of Heating, Refrigerating, and Air-Conditioning Engineers (member)
-  American Society of Mechanical Engineers (associate member)
-  Society of Automotive Engineers (member)
-  Society of Petroleum Engineers (member)