

Pedro A. López Díaz
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Objective Be member of ATI Research Team

Education Credits toward a Bachelor Degree in **Mechanical Engineering**
Expected graduation: December 2005

Bachelor Degree in **Science of Electronic Engineering Technology**. University of Puerto Rico at Bayamón.
Graduation date: December 2001

Skills **Electronics Technology:** Schematics reading, Knowledge of Digital Electronics. PLC programming (Allen Bradley). Knowledge AC and DC motors. Ability to use test instruments. Knowledge in sensors. Ability to make printed circuits boards. Ability to apply theoretical knowledge to practice applications. Ability to solder. Knowledge about pneumatics.

Computers: Visual Basic, Electronics Workbench. Office 2000.

Refrigeration and Air Conditioning: Welding copper tube, Read electronics and electric diagrams. Ability to troubleshoot. Knowledge of basic electricity.

Related Course AC and DC theory, Logic 1 and 2, Advance and Industrial electronics theory and laboratory. Data communication theory course.

Work Experience **INSCO Instrumentation Services**, Give calibration and validation service to different pharmaceutical and government industries (Feb 2002- Dec 2002)

Refrigeration and Air condition Technician, P.J. Refrigeration, Humacao, PR Installation, Service and Maintenance. (summer 1997 & 1998)

Research Projects **AMP** (summer) Remote communications for a security system at UPR-Bayamón
AMP (August to December) Develop microcontroller projects UPR-Bayamón

License **Refrigeration and Air Condition Technician** (#6256) and **EPA**.

