

Patricia Cardenas

**EPG Engineering
Mechanical Engineer**



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Career Snapshot

A highly motivated Mechanical engineer with an excellent professional education has strong analytical and practical engineering skills, as well as, in using wide range of design, fabrication, and business solution. Interact productively with people from diverse backgrounds.

6/2012 to Present – EPG Engineering - in this position, I support the engineering staff on variety of task assignment, including layout for HVAC & Plumbing facilities, creating schedules, verifying heating & cooling load capacity and creating energy calculation forms. Also I will interface with our current and future clients for support and communication. Also will assist in electrical plan review and layout.

Other Employment

Mechanical Maintenance Analyst, Packaging area of Polar Breweries of Venezuela 2010

Mechanical Engineering Internship, Packaging area of Polar Breweries of Venezuela 2009

Engineering Projects

Design of Mechanism for Assembly and Disassembly of Baskets and Pipe of Bottle Washer KRONES, 2011; Individually designed system for the disassembly and assembly of the bottle baskets and sprinkler pipes of the bottle washers KRONES, installed in the packaging area of Polar Brewery. The design optimizes the maintenance process of the area, decrease the costs of maintenance and improve the ergonomics.

USB Solar Team, Administrative Area, Marketing, 2006 – 2010; Non-profit, student-run organization whose main objective is to design, construct and operate a vehicle powered by solar energy. The marketing is focused on the search for sponsors interested in inventing the project, as well as publicity for the group.

Education

Simon Bolivar University; Caracas, Venezuela (www.usb.ve)
Bachelor of Science degree in Mechanical Engineering, 2010