

MESA ENGINEERING PROGRAM (MEP)

Graduate Profile



Name: Marco A. Guzman

Major: B.S. in Mechanical Engineering

Student Organizations : Vice-President of Academics; Latinos in Technical Careers/SHPE (1997)

Graduation Year: December 2000

Current Employer: Hewlett Packard

Job Title: Research & Development Engineer

Job Description: As an engineer for HP I get to perform a variety of engineering tasks. Here are but a few of my responsibilities: Technical lead for the design of new generation of high speed Binary Ink Developers (BID). Develop and support manufacturing capabilities for BID prototypes. Develop manufacturing tooling to enable BID assembly. Design, test, characterize and qualify electro-mechanical and plastic components for BID. Develop failure analysis (FA) protocols for BID field failures. Technical lead for transferring of prototype assembly line to HP in Israel. Run DOE for the characterization and optimization of BID components.

How did the MESA Engineering Program (MEP) help you?

MEP helped me in many ways. For instance, MEP provided scholarships; these scholarships made it possible for me to cut my work hours to focus on my studies. MEP also provided a family atmosphere where I met people from the same background and with similar interests. Finally, MEP provided me with industry contacts that enabled me to get internships that led to full time employment after graduation.

Favorite Chico memory? I don't have one particular memory; however, what I missed the most about Chico is its small-town charm.



Marco Guzman: Takes a break while working at Hewlett Packard Company. Marco earned more than \$6,000.00 in scholarship funds from the MESA Program.