

Mark Daniel Annevelink

Home:

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Current:

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OBJECTIVE

To obtain an educational opportunity where I can be prepared to lead an engineering team by utilizing the skills which I have acquired, by procuring new talents, and by gaining valuable insight into the current areas of creativity and innovation based on industry demand .

INDUSTRY EXPERIENCE:

- Hexagon Manufacturing Intelligence – Applications Engineer March 2015 – Present
Gathering, analyzing, and actively using data to improve manufacturing processes. On a West Coast Apps team advising and assisting the implementation of metrology machines and software into small and large scale manufacturing systems related to aerospace, automotive, and medical device production.
- Fluidmaster – Pneumatic Valves and Plastic Hardware Components June 2013 - Sep 2014
Engineering intern for development of plastic products from concept to production. Design and implementation of repeatable and reproducible test procedures to fulfill design requirements based off of marketing metrics for high precision, high volume, and long lifetime products.
Significant Achievement: Sleeve for premium lever in production stage Dec. 2013

EDUCATION

- University of California Irvine – B.S. Mechanical Engineering Graduated June 2014
Specialization in Energy Systems and Environmental Engineering: Deans Honor Roll – Winter 2013, Fall 2013, Winter 2014, Spring 2014.
 - Mechanical Systems – Group designing a pneumatic autonomous robot. Role – Mech fabrication
 - Design In Industry – Design of a low cost and modular Aquaponics system for educational use
 - Mech Design – Optimize a music box based on customer requirements. Role – Team Leader
 - Senior Design Project: Solar Stove – Design mechanical structure for solar concentrator

PROJECT EXPERIENCE

- Engineers Without Borders – Sustainable development programs Jan. 2013 - June 2014
 - Costa Rica – Water collection and sanitation project for a primary school
- African Leadership Academy – South Africa September 2012
 - Team selecting and awarding Renewable Energy Grant to Rwandan biogas school project which provides electricity in order to create food programs for public schools
- South Bay Sanctuary Covenant – El Salvador March 2010
 - Solidarity project with mineworkers and Comunidad Octavio Ortiz

INVOLVEMENTS

- Autism AppJam – Team Leader for app named Limitless. Winner “Most Entrepreneurial”. April 2014
- Sigma Pi Fraternity International Sep. 2010 – Present
- Eagle Scout - Troop 33 Los Altos, Ca April 2010