

# Amadeo Isaac Valadez

## Employment

### Global New Product Operations Engineer

Moonshot & Edgeline

Hewlett Packard Enterprise

April 2015 - Current

- Coordinated complex milestones with regional supply chain factories, R&D, and various suppliers to release new server products to the market.
- Managed launch activities as the global supply chain single-point-of-contact for the launch of all HP Moonshot products, as well as the new HP Edgeline product line for IoT ("Internet of Things") solutions.

### Americas New Product Introductions Engineer

Blade Servers

Hewlett Packard

January 2014 - April 2015

- Managed the launch of Gen9 blade servers in the Americas region manufacturing sites, and supported the fulfillment of a \$4 million early-delivery order for these new servers.
- Gained recognition for making major SharePoint improvements that directly resulted in team recognition for improved outward communications.

### Web Development Project Manager

Ziqqu and Ziqqu LLC

Winter 2012- Fall 2015

- Managed the development of two enterprise web applications, from concept to realization.
- Developed the concept for a web application to meet the needs of Baylor University, then refined the concept into a concrete scope of work.

### Product Development Engineer

Nova Biologicals

Winter 2012- Summer 2013

- Led the design, construction, and installation of a municipal water wellhead anti-terrorism device.
- Utilized design engineering skills including tamper proofing principles, SolidWorks modeling, cost estimation, and manufacturability analysis.

### Program Developer/Leader

Baylor Innovation Challenge

Baylor University

Spring 2013

- Hand-picked by the Baylor Engineering Department to develop and implement a program where engineering students brainstorm solutions for technical issues in developing countries.
- Worked with limited grant funds and successfully held 15 events in 3 months (reached all goals under budget).

### Logistics Integrator Engineering Intern

International Space Station Launch Planning

Hamilton Sundstrand

Summer 2012

- Used proficiency in Microsoft Access to design and construct a software application which is used to plan International Space Station launch manifests.
- Commended by management because the logistics integration team was able to switch from excel-based reporting to automated reporting through MS Access.

## Education

### Baylor University

Class of 2013

Major:

Bachelor of Science in Engineering

\*Included Mechanical Engineering core

Minors:

Mathematics

Entrepreneurship \*equivalent

## Skills

### Software

Ruby on Rails

HTML

CSS

Javascript

SolidWorks

TI-89

Matlab

+9 Microsoft Programs

### Professional

Project Management

Mechanical Design

Web Development

Distributed Teams

Supply Chain Strategy

## Achievements

### Senior Design Project Team Lead

Nova Biologicals

2012

- Led a Baylor mechanical design team in the development of a wellhead security device.
- My team completely redesigned and simplified the device as part of a senior design project and improved performance while reducing costs by 78%.

### Engineering Team Lead

Baylor University

Nicaragua, 2012

- Hand-picked by Baylor Marketing Department to lead the technical aspects of this project.
- Team traveled to Nicaragua to evaluate the market potential of a solar water pasteurizer.
- Redesigned the device while in the country to meet market demands.

### Design Engineer

Engineers with a Mission

Honduras, 2010

- Drafted, designed and built a 12kW hydroelectric generator motor mount for an orphanage in Honduras while still a freshman in college.
- The generator has been in constant use since installation in the summer of 2010.

## Affiliations

- Engineer In Training (EIT) Status
- Co-Inventor on the CVSD patent (Casing Vent Security Device designed for Nova Biologicals)
- President's Gold Scholarship (\$44,000)
- Engineers with a Mission