

RUBIROSA FIGUEROA TIBURCIO

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OBJECTIVE

To be able to lead a high-performing team that delivers solutions for high value products.

EMPLOYMENT

***HP Inc. Vancouver, R&D Lab
Firmware Integration Lead,***

January, 2011 – Current

Integration Lead for the first enterprise page wide array printer in the market (HP OJ Pro X576). The project minimized the development costs by leveraging the ink engine platform instead of sourcing the engine from a third party company. I work with diverse teams -- partners from China, India and Singapore to deliver high quality products on time from defining the product life cycle to manufacturing.

Leadership Skills

- Experienced working with partners from China to manufacture the lab prototypes and products
- Lead multi-geographical partners in Asia and multiple US sites to define, design, and deliver firmware features into the Print Engine
- Used Integration Lead role to drive development process and tools improvement while doing integration tasks
- Maintained good partnership with cross-disciplines, cross-organizations and globally-diverse teams – from firmware developers in Asia to local Mechanical and Electrical engineers in Vancouver and Boise
- Proactively provided training and support for partners to develop and qualify the Print Engine firmware through scripts and detailed instructions on Wiki
- Sought out and completed the project management training course through HP Learning and Development
- Mentored and trained new firmware engineers in Firmware Integration and Product development
- Supervised test developers and engineers by facilitating weekly meetings, setting priorities of the test development and unblocking our partners with any road blocks that were encountered
- Participated in the interview process by answering questions about HP and the organization role
- Improved the team dynamics by organizing team building activities

Technical Skills

- Reviewed User Interface development kit that consists of electronics along with a control panel for firmware development and testing in lieu of a printer prototype which costs tens of thousands of dollars
- Participated in hardware design reviews of new product and development electronics, in one case identified a lacking feature that saved the program weeks in the schedule by avoiding a board roll
- Saved engineering cost by analyzing and simplifying batch scripts that were used to automate hundreds of system tests

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- Proficient with source control management (Git), requirements and change request tracking (ALM – Application Life Management and Pivotal Tracker), and use of Linux workstation for firmware development
- Collaborated with Electrical and firmware partners to setup the ASIC hardware configuration in the low-level firmware module
- Independently setup the infrastructure to build the engine firmware build delivery by leveraging the existing Build tool
- Develop Ruby and Perl scripts to build and bundle Engine firmware to be delivered as a binary to the Product Team
- Leveraged a full firmware image build to create a minimum firmware image to support Firmware Recovery on Linux-based system
- Used firmware development tools: JTAG Probe, Green Hills MULTI IDE, coredump, and serial output to triage issues and unblock firmware and qualification partners
- Read schematics to configure the low-level board component to bring up new MPCA
- Participated in Open Source Convention to learn about the latest technologies in Open Source community

COMMUNITY INVOLVEMENT

United States Ambassador for Russian American Business Forum

December 2011

- Built connection with other young entrepreneurs and business owners from the United States of America and Russia as an ambassador for the “Russian-American Youth Business Forum” held in Moscow, Russia
- Met with the government representatives of Russia to learn about the country's economic, business, education and political systems

HP Young Employee Network, Women at HP

January 2011

- Actively participating in HP Young Employee Network and Women at HP's activities to help improve the work-life balance and diversity in HP culture

EDUCATION

University of Washington, Tacoma, WA

June 11, 2010

Bachelor of Science in Computer Science (GPA: 3.66 out of 4.0 scale)

- Worked and attended school full time while retaining the full scholarship and leadership role

Awards: Full scholarship recipient from the university and Boeing Company, Upsilon Pi Epsilon Honor Society member, Dean's list recipient from Spring of 2009 through Spring of 2010

Extra-Curricular Activities: Former president of Women in Computing and Science, Instructor/President of Latin Dance Club