

MALOY WINSON

Hardware Engineer

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www.hardware.com

OBJECTIVE

Almost 5 years' experience leading consumer product development teams and projects (Electrical / Mechanical / Firmware). Knowledge of Electromagnetic and Microwave concepts. Develops organization-wide architectures and methodologies for integration and development of value adding input technologies into HP PC's across multiple platforms and organizations within the Global Business Unit. Experience in PCA design and EMC troubleshooting.

SKILLS & ABILITIES

- Expert knowledge of smartphone, tablets or wearable device technologies
- SCH&PCB design and simulate tool and Hyper lynx with rich PCB design experience
- Advanced programming skills in C, C++ and/or C# required
- Strong analytical and problem-solving skills
- Detail-oriented, self-motivated, excellent engineering background/skills, leadership skills
- Practical skills in CAD and simulation tools, quick learner

EXPERIENCE

Hardware Engineer Intern, *Wyman LTD*

2008-2009

- Experience in PLC (power line carrier) domain
- Knowledge in PCB design in consideration of EMC guidelines
- Innovative and motivated to take responsibility
- Independent and focused working style
- Experience in microcontrollers, digital and analog circuit designs
- Specify, develop and implement technologies

Senior Hardware Engineer, *Houston Company*

2010-2014

- Good command of EMC/EMI design skills, familiar with leading industrial standard and regulation. (IEC61000/60950/FCC/IC/CE/etc.)
- Create documentation and SOP's
- Conducting technical evaluation on reference design kit from chipset vendors with direct communications with vendors' FAEs
- Execute highly finished circuit development with cost and power management
- Perform schematic design and work with the CAD team on PCB layout
- Manage the eBOM and understand the product cost makeup

EDUCATION

B.S in Electrical Engineering, SETON HALL UNIVERSITY

2002-2006

- **CGPA – 3.64**

M.S in Hardware Engineering, MIAMI STATE UNIVERSITY

2006-2007

- **CGPA – 3.69**

INTERESTS

Create New Implement, working with new hardware equipment, learning something new in technical terms.