Queven Louie Recorte

PCB Designer / Project Manager

quevenrecorte@gmail.com

Summary

Hardware and PCB Design Engineer

People find me to be an upbeat, self-motivated team player. For the past several years I have worked in PCB designing, circuit design, and prototyping in DIY projects and consumer electronics industry. My experience includes successful working design from sketch to functional prototypes such as development boards, RF designs, breakout boards and lighting products. I have a track record of maintaining a consistent good results majority of my customers. If you seek professional help for your electronic projects, just contact me and we'll talk about it.

Visit www.quevenrecorte.com for more info.

Experience

Freelance PCB Designer / Project Manager
January 2012 - Present

Working as a full-time freelance PCB designer for international clients and companies.

PCB Design Engineer at Flextronics
April 2015 - January 2018 (2 years 10 months)

At Flextronics, impossible is where breakthrough begins. As a socially-responsible, global leader in design, manufacturing, distribution and aftermarket services, Flextronics is unique in its ability to provide end-to-end solutions through its innovative and proprietary systems — all to enhance customer competitiveness and success.

Job Functions and Responsibilities:

-PCB Design
-Library Creation for Footprints
-Assembly Drawing
-Files management and documentation

Software Tools:

-Cadence Orcad and Allegro PCB designer
-Altium Designer 2013

Project Features:

-Automotive PCB designs
-Wireless PCB design
-Test Boards
-Car Lighting designs

CEO at Bosskonimo Inc.
January 2012 - September 2016 (4 years 9 months)
www.bosskonimo.com

PCB Design and Fabrication
Founded by Queven Louie Lao Recorte in early 2012, offers full custom PCB design services and PCB fabrication

Hardware Services
-Schematic designing
-PCB designing
-R&D “Research and Development"
Software Services
-PCB fabrication
-WEB designing

Project:

-Programmable Traffic Indicator controlled by two loop detectors
-Sensor Boards
-College Projects
-RF PCB
-Bluetooth designs
-WIFI designs
-Embedded Boards and Shields/Breakouts
-Reverse Engineering Services

Electronic Hardware Design Engineer at Janty Technology Group Inc.
January 2013 - February 2015 (2 years 2 months)

Janty Inc.
Cebu City, Philippines

Janty has been actively involved in the electronic cigarette smoker community since 2006, and has since grown into one of the world's most respected e-cigarette designer and manufacturer. Through its innovative research and development, Janty is recognized as the symbol of excellence that has consistently served the needs of an ever-growing community that seeks to lead a healthier and more fulfilling lifestyle.

Position Held: Electronic Hardware Design Engineer

Job Functions and Responsibilities

-PCB design using Allegro PCB editor "Cadence 16.5"
-Schematic design using Orcad Capture
-Library creation for Footprint and Symbols in a component database
-Prepare Bill of Materials "BOM".
-Conduct electronic component research and study, SMD and TH technology
-Final component selection and validation.
-Troubleshooting, prototyping, testing.
-Perform Reverse Engineering
-Producing Gerber for PCB manufacturing purposes
-Support hardware, firmware and software testing and debugging
-Documentation

Project Features:

-E-cigarette PCB and SCH design.
-NXP Microcontroller BGA package design.
-Reverse Engineering and component study of the existing Electronic Cigarette.
-Research and development.
-Bluetooth module implementation design "Panasonic".
-OLED display implementation design "WiseChip".

Software Tools:

-MentorGraphics PADS layout 9.4
-Cadence Orcad Capture CIS 16.5
-Allegro/Orcad PCB editor 16.5

-Gerber Viewer
-Component Database Application

PCB design Consultant at Gener8, Inc.
September 2013 - November 2013 (3 months)
Gener8 provides turnkey circuit board manufacturing services. We specialize in high mix manufacturing with typical production volumes ranging from 200-50,000 units. Gener8 production process makes use of its long term relationships with domestic and off-shore partners and suppliers to provide highly scalable, rapid, and cost effective board manufacturing. Automated functional testing is used on 100% of the boards we to ensure high quality product.

Job Functions and Responsibilities
-PCB design
-Others related to PCB designing task

Software Tools:
-MentorGraphics PADS layout 9.4

Hardware Design Engineer at Cisium, Inc.
February 2011 - December 2012 (1 year 11 months)
Cisium Inc. - Engineering Services
Cebu City, Philippines

Is the first company in Cebu, Philippines, providing an extended palette of Electrical, Electronic and Software development services, offering complete solutions for electronic products and electronic development, software development for PC and web applications, design and implementation of industrial automation infrastructures and integration of electronic instrumentation.

Position Held: Electronic Hardware Design Engineer

Job Functions and Responsibilities

-PCB design using PADS layout
-Schematic design using Orcad Capture
-Library creation for Footprint and Symbols in a component database
-Prepare Bill of Materials "BOM" in every single Project
-Conduct electronic component research and study, SMD and TH technology
-Final component selection and validation
-Perform Reverse Engineering
-Producing Gerber for PCB manufacturing purposes

-Perform testing and soldering components
-Support hardware, firmware and software testing and debugging

Software Tools:

MentorGraphics PADS layout 9.3
Cadence Orcad Capture CIS 16.3
LP wizard
Gerber Viewer
Component Database Application

Project Features:

-SMD and TH Component evaluation for LEAR Corporation.
-RF device (Bluetooth) PCB and Schematic design for Eprodix Company.
-RF device (WIFI) PCB and Schematic design for Cisium Company.
-PCB prototype CPU for Lens Machine for Kenko Company.
-PCB and Schematic design for electronic cigarette for Janty Company.
-PCB and Gerber review and evaluation for navigation systems for Boening Company.
-Mechanical evaluation for navigation systems for Boening Company.
-BOM review and evaluation for VPI tracker.
-Research and development for all projects.
-NXP Microntrollers. LPC series
-Embedded Artists Development boards
-Bluegiga and Roving Network Bluetooth modules
-openPicus Flyport module
-CPLD from Xilinx
-USB 2.0 interface
-UART interfaces
-I2C interface
-Digital and Analog design
-Microchip and ST EEPROMs

Education

University of San Jose - Recoletos
Bachelor of Science in Electronics and Communications Engineering, Digital and Analog Electronics, 2005 - 2010

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Contact Queven Louie on LinkedIn