

Ray Fatheree

Consultant - R. B. Fatheree

Las Cruces, NM

-Email me on Indeed: <http://www.indeed.com/r/Ray-Fatheree/f77a773303d9e352>

RF & Electrical Engineering

Authorized to work in the US for any employer

Work Experience

Consultant

R. B. Fatheree - Austin, TX

September 2018 to Present

RF Design & Electrical Engineering

REALTOR

Coldwell Banker Island Properties, Maui

August 2013 to Present

Residential Real Estate Sales

Caretaker/Property Manager

Berkowicz, Ulupalakua, Maui

2010 to August 2018

Maintained an upscale private residence on 8 acres, landscaping, irrigation, etc. for landowner and tenants.

RF Engineer

KPMW-FM Kahului

April 2012 to April 2013

Maui

Maintain Broadcast equipment, install upgrades, etc.

Electrical Engineer

Morikawa & Associates

September 2012 to November 2012

Pukalani, Maui

Electrical Engineering and Consulting. Design of utility scale solar PV projects.

Renewable Energy Engineer

Rising Sun Solar, LLC

April 2012 to June 2012

Designed photovoltaic systems for residential and commercial applications.

Caretaker/Property Manager

Apr

Sr. Electrical/RF engineer

Pelatron - Honolulu, HI

February 2009 to January 2011

Oahu

Successful completion of Mobile Modular Command & Control (power and RF system) for the Office of Naval

Research and the power system design and RF systems integration design for Combat Operations Center On- the-Move project for MARCORSYSCOM. Both systems used AC shore power at the halt and vehicle alternator

power when on the move. Systems included AC/DC convertors, DC/AC inverters and DC/DC converters, auto

switch over and battery charging systems. Systems provided classified and unclassified computer networks and several radio and satellite communications links.

REALTOR

Keller Williams Realty Maui

2006 to 2008

Residential Real Estate sales

RF Design Engineer

Trex Enterprises Corp. Kahului, Maui

March 2003 to February 2007

Research and development, AWR Microwave Office simulation, schematic capture, PCB layout, assembly and system verification of 2.488Gbps millimeter wave data radio in 73-83GHz bands. Power supply board design and system cable set design for EMESS radar project which included solar panels, inverters, batteries, dc-dc

converters, etc. Supervised technicians and trained other engineers on schematic capture and board layout

software.

RF Design Engineer

World Wireless Communications/X-traWeb - Greenwood Village, CO

September 2000 to November 2002

Successful development of frequency hopping spread spectrum data radio products in the ISM bands and maintenance of existing designs. Provided support to manufacturing as well as technical support to internal and external customers. Some software development for testing of radio products.

RF Design Engineer

Vari-L Company, Inc - Denver, CO

February 1999 to September 2000

Designed Phase Locked Loop (PLL) Synthesizers and Voltage Controlled Oscillators (VCO) using RF design principles and RF test methods for return loss, transmission loss, output power, matching and appropriate RF

grounding. Provided solutions for problems with fixtures, test sets, and methods for manual and automated

testing of products. Directed technicians. Provided support to production for the handling of design issues, pilot productions, and produce-ability problems.

RF Engineer

Raytheon - Aurora, CO

January 1996 to December 1998

Design, procurement, integration, testing, site installation and documentation of RF subsystems for the ground systems portion of satellite communications systems. Subsystems included Klystron and Traveling

Wave Tube high power amplifiers, up & down converters, status and control equipment, cabling, etc. Tested with signal generators, network and spectrum analyzers, power meters, oscilloscopes, etc.

Engineering Intern

Commnet Cellular - Englewood, CO

December 1993 to September 1994

Performed analysis of possible TDMA cellular sites based on RF propagation simulation for given terrain data, documented results and submitted to management for site selection and prepared data in support of FCC filings.

Education

Bachelor of Science in Electrical Engineering in Eta Kappa Nu Engineering

University of Colorado - Denver, CO

December 1995

Bachelor of Arts in Music

University of North Texas

August 1990

Skills

- Office 365 (10+ years)
- PCAD Schematic Capture & PCB Layout (5 years)

Links

<http://www.linkedin.com/in/RayFatheree>

Certifications and Licenses

General Radio Telephone Operator

Present

FCC license

Driver's License