

Richard A. Green

Consultant

Education

1982

Kentucky College of Technology

Louisville, Kentucky

A. S. in Electronic Engineering Technology

Graduated with honors: 4.0 GPA

Certified Electronic Technician (CET) 1983

Professional Experience

May 1993 to
Present

Historic Archaeological Research

Brownstown-West Lafayette-Indianapolis, Indiana

Consultant. Principal of a consulting group that provides specialized technical support services to Cultural Resource Management (CRM) firms, environmental companies and academic institutions engaged in archaeological research. Responsible for supervising numerous projects that rely upon expertise in: precision Global Positioning System (GPS) and electronic total station site survey; Computer Aided Design (CAD) and Geographic Information System (GIS) site mapping and analysis; battlefield and historic site survey utilizing intensive metal detection reconnaissance techniques; location and or mapping of buried features including utilities and storage tanks; and non-invasive geophysical investigations utilizing Ground Penetrating Radar (GPR) that include pioneer cemetery delineation and site mapping. <https://www.har-indy.com>

July 2002 to
September 2003

Landmark Archaeological and Environmental Services, Inc.

Sheridan, Indiana

GIS and Remote Sensing Specialist. Responsibilities included: Precision GPS survey and computer-aided site mapping; development of (GIS) data in an archaeological analysis and modeling context for the Indiana Department of Transportation; geophysical investigations and buried feature detection that rely upon electromagnetic subsurface imaging technologies, GPR, Electromagnetic Conductivity (EMC), magnetometers and metal detection; technical support utilizing proprietary data processing programs, graphics and presentation applications. <http://www.landmarkarchaeology.com>

November 1998 to
August 1999

FCI/Berg Electronics

Franklin, Indiana

Laboratory Test Engineer. Responsible for managing all facets of the test laboratory, evaluation and qualification of RF and microwave connectors, as well as, establishing test parameters and procedures necessary for both production and R & D testing. Performed environmental, durability and force measurement tests. Helium leak tested hermetically sealed connectors. Examined components for electrical characteristics using a variety of laboratory test and measurement equipment including an HP 8722D Network Analyzer.

Richard A. Green - Continued

August 1996 to
November 1998

JFW Industries, Inc. **Indianapolis, Indiana**

Production Test Technician. Test, modification, troubleshooting and repair of RF attenuator devices used in the cellular telecommunications industry including laboratory test systems, matrix switches, programmable and fixed attenuators, power dividers and terminations. Proficiency with a wide variety of test equipment including the family of HP Network Analyzers is necessary to ensure that manufacturer/customer specifications are met in an ISO 9001 standard production environment.

November 1986 to
August 1993

PRT Electronics, Inc. **Seymour, Indiana**

Principal/Owner. Wholesale, mail order and retail distributor of hobby, industrial, and security metal detector electronics as well as custom manufacture and distribution of related accessory product line. Regional and/or national service center for four manufacturers responsible for troubleshooting and component level repair of over 50 different instruments. Location and delineation of buried utilities and storage tanks. Representation requirements included extensive travel and trade show demonstration throughout the Midwest.

February 1985 to
October 1986

Edge Technologies, Inc. **Indianapolis, Indiana**

Sustaining Engineer. Assisted in the construction, development and initial operation of two custom designed multiple differential automated Low Pressure Chemical Vapor Deposition (LPCVD) systems used in a proprietary state-of-the-art diamond machining technology. Responsible for: all phases of electrical and electronic installation including the design and construction of system computer interface and robotic electronics; precision air bearing setup and calibration; installation and preventative maintenance of vacuum systems and controls; construction of stainless steel chemical injection and pneumatic plumbing, as well as, ongoing general plant maintenance. Additional duties included purchasing and expediting delivery of equipment and supplies necessary in the development of the two new systems.

Current Areas of Specialization

Precision Site Delineation and Survey

GIS Mapping and Thematic Analysis

Battlefield Archaeology, Intensive Metal Detection Reconnaissance

Geophysical Investigations Utilizing Electromagnetic Sensing Technologies