

Felix Annise

Franklinville, NJ - Email me on Indeed: [indeed.com/r/Felix-Annise/7f7c9909135f48ae](https://www.indeed.com/r/Felix-Annise/7f7c9909135f48ae)

WORK EXPERIENCE

Manufacturing Applications Engineer

Seren IPS - Vineland, NJ - February 2014 to Present

Responsibilities

Design, build and test various fixtures and systems, including software and graphical user interfaces, used to support manufacturing and testing of radio frequency generators.

Accomplishments

Created automatic, software driven test fixtures which standardized various test functions and improved overall quality and reduced final system test time by identifying sub standard module level performance.

Designed a PLC driven Highly Accelerated Stress Simulator (HASS) to exercise RF generator sub system modules including fixtures, PLC software and a Graphical User Interface. When implemented, this system thermally and electrically stresses the subsystems identifying areas that require improvement which improves quality.

Skills Used

Basic electronic circuit design, schematic creation, programming in Visual Basic, C, PLC ladder logic, Graphical User Interface design, mechanical design of test fixtures, electronic circuit troubleshooting, systems troubleshooting, selecting and purchasing of test equipment.

Instrumentation Tech / Programmer

Gloucester County Utilities Authority - West Deptford, NJ - September 1998 to September 2012

Responsibilities

Designed and implemented an HMI / SCADA system to remotely control and monitor 60 waste water stations via a 928Mhz radio network. Maintained / repaired all telemetry equipment including Emerson (Bristol Babcock) RTU/PLC's, Microwave Data Systems 9700 series radios. Maintained all remote station flow and control data used in billing and engineering studies.

Accomplishments

Designed and implemented telemetry upgrades for waste water pump lifting stations. Improved pump efficiency via software improvements to control RTU. Upgraded radio network to double data throughput.

Skills Used

Project management, Customer service, Team work, read and interpret electric / electronic schematics and one line diagrams, personal computer software installation / upgrade (MS Windows suite as well as vendor specific software)

Power System Supervisor / SCADA Programmer / Analyst

Atlantic City Electric Company - Pleasantville, NJ - May 1987 to September 1998

Responsibilities

Power System Supervisor - Directed and monitored activity on Atlantic Electric's Power grid, assuring safety for the transmission line maintenance crew while maintaining and repairing switching gear and transmission circuits.

SCADA Programmer / Analyst - Created and maintained software for the company's SCADA system which monitored and controlled the electrical transmission system throughout the company's territory. Participated in the effort to upgrade the SCADA system hardware and software. Previous to this position I installed and maintained electronic load monitoring equipment for Atlantic City Electric's customers (residential, commercial and industrial)

Accomplishments

Developed software that allowed Atlantic City Electric Company to reduce its electrical load during heavy peak times on a rotating basis. I also participated in the SCADA upgrade project, managing several segments of the project such as data collection and HMI transition from the old system to the new.

Skills Used

analytical, creativity, technical

Test Engineer

RCA - Camden, NJ - May 1980 to June 1987

Responsibilities

Designed and built test fixtures for secured RF systems and TV broadcast equipment. Wrote detailed test procedures for test technicians. Familiar with many types of electronic test equipment such as oscilloscopes, frequency generators, RF spectrum analyzers, Digital multi-meters, frequency counters

Accomplishments

First test engineer to successfully implement touch screen technology.

Skills Used

Team work, test equipment set up and control via software, project management

EDUCATION

Visual Basic Course

Gloucester County College - Sewell, NJ

2004 to 2005

BS in Bible and Church Management / Leadership in Theology / Religion

Philadelphia Biblical University (Carin University) - Langhorne, PA

2000 to 2003

C programming

Camden County College - Blackwood, NJ

1996 to 1997

2 year Technical School in Electronics Technology / Computer systems

Lincoln Technical Institute - Pennsauken, NJ

1978 to 1980

SKILLS

strong mechanical background - I repair my own automobiles (10+ years), Microsoft office suite (10+ years), PLC programmer (ladder logic, structured text, function block) (10+ years), HMI development (iFix)

(10+ years), trouble shooting circuits (10+ years), troubleshoot PLC and related systems (10+ years),
Programmer - Visual Basic , C, SQL (10+ years), HMI development - Wonderware (Less than 1 year)