# LABVIEW DEVELOPER RESUME

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### **Job Objective:**

Seeking a position as LabVIEW Developer in a reputed organization where I can utilize my knowledge and experience.

# Work Experience:

LabVIEW Developer, July 2006 – Present General Dynamics, Clinton (Hunterdon), NJ

- Designed, developed, and installed the custom applications & automation systems.
- Implemented modifications to existing LabVIEW applications.
- Supervised and performed LabVIEW development.
- Participated in hardware/software integration and test.
- Assisted to perform as a cost account manager.
- Ensured to prepare project requirements analysis.

LabVIEW Developer, May 2002 – June 2006 Digi International, Clinton (Hunterdon), NJ

- Programmed and documented the robust LabVIEW applications.
- Designed and executed software test plans.
- Prepared end user documentation and assisted in help file.
- Developed automated test, data acquisition, and control systems.
- · Assisted in developing pushing-the-envelope technology.
- Contributed to system design and specifications.

# **Summary of Qualifications:**

- Certified LabVIEW Associate Developer (CLAD)
- Expert in application, use, and programming of National Instruments LabVIEW
- In-depth knowledge of real-time controls hardware and timing systems
- Familiarity with systems and software engineering processes
- Skilled in designing documents, configuration control, and preparing test plans and user documentation
- Self-directed and the ability to meet objectives
- Proven ability to effectively work independently in a fast paced environment
- · Effective presentation and communication skills
- Excellent analytical skills
- · Ability to work in a team environment and independently

# **Education:**

Bachelor's Degree in Engineering, Cedarville University, Ohio, OH

Carol Mcdermott 1311 Pleasant Hill Road West Palm Beach, FL 33409 (333) 452-7351 Email: [email]

#### **Career Goal**

To showcase my talent as a LabVIEW Developer and help in achievement of organizational objectives owing to my skills in C, C++, Matlab, LabVIEW, Java, C# and DWD systems.

### **Technical Skills:**

Strong technical competence to utilize programming languages:

- NI LabVIEW, C, C++
- 8085/86 assembly language

Verilog/ VHDL

Proficient with simulation software:

- NI Max, Model sim
- COMSOL Multiphysics
- Pspice

Skilled at utilizing software applications like:

- Wireshark
- MS office
- Windows, Linux/ Unix

Operational knowledge of systems including:

- DWD
- SWD
- MWD

Adroit in database administration using:

- MS SQL server
- Visual Basic
- .Net

Highly skillful in utilizing laboratory equipment:

- Oscilloscope
- Power supply
- Multi-meter

Talented in managing design software tools:

- MS office
- · Solid works
- · Open office

Vast capabilities to:

- Comprehend surface system operations
- Design and troubleshoot application software

## **Relevant Experience:**

LabVIEW Developer Aquinas Consulting LLC January 2012 – Present West Palm Beach, FL

- Coordinated with project management teams and engineers in gathering of application and functional needs.
- Communicated updated project status reports to engineering and technical teams for improvements.
- Conducted testing of all applications for proper implementation of features and functions.
- Conducted routine design and coding reviews to analyze firmware requirements and business needs.
- Prepared release notes in proper manners on all latest versions of applications.
- Assisted in designing and development of Lab View applications for achievement of specific system requirements.
- Provided technical assistance for motion control processes, hardware driver testing and architecture design functions
- Supported Lab View applications by equipment control, database and GUI development through high level languages.

LabVIEW Developer GenCell Biosystems Ltd. November 2010 – January 2012 Madison, WI

- Developed Object oriented DAQ system for adding users in selectable test modules for general purpose.
- Prepared Lab View programs for inclusion of HMI to control testing services of vehicle power.
- Supported conversion of current Excel data files to TDMS formats through preparation of Lab VIEW programs.
- Prepared data files, related mining and analytical activities and custom reports with software tools.
- Assisted in development of test code to enable functional and environmental testing of charging systems.
- Conducted testing of RF and Digital controls of radio equipments through Lab VIEW software modules.
- Provided technical assistance for hardware and software components, RF and functional testing services.
- Resolved software defects by troubleshooting, debugging and suitable repair solutions.

# **Educational Background:**

Young Harris, GA Young Harris College **Professional Certification:** July 2010 NI Certified LabVIEW Associate Developer (CLAD)

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