

EDA Staffing, Inc.

CH060916

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(781)598-2424
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OBJECTIVE

A position as a Senior Software Engineer

EDUCATION

B.S. Electrical and Computer Engineering
Clarkson University, Potsdam, N.Y., 1984

SUMMARY

Senior Software Engineer specializing in Software Development for Large Scale Complex Systems.
Extensive Experience as a Software Engineer. Familiar with all aspects of Software Development Lifecycle. Strong Realtime Software Infrastructures and Architectures, Large Scale Complex Systems, Communication Protocol Design, Realtime Algorithm Computation. Signal Processing. Strong Systems Integration, Customer Relations. Strong Math Skills.

SKILLS

- BS Electrical and Computer Engineering
- 31 years Software Development Experience
- Realtime Embedded Software Development, Large Scale Complex Systems
- Formal Software Development Methodologies
- Requirements Analysis and Specification
- System Test and Integration
- C++, C# .NET Desktop, MatLab, Java
- Windows, Linux,
- RTOS: VxWorks, QNX, SYS/BIOS
- SCM: Git, TFS, SVN, CVS
- Pentek Data Acquisition Hardware

EXPERIENCE

Lockheed Martin, Niagara Falls N.Y

9/14-5/15

Senior Software Engineer, Development of Embedded Multiprocessor Realtime System Control, Requirements Analysis, Algorithmic Computation, Communications Software for the Gravity Gradiometer product line.

- C++, Java, C#
- QNX for SuperH, Linux, Windows

Post Process LLC, Buffalo N.Y.

8/13-1/14

Lead Software Engineer, Development of Realtime Process Control software for a 3D Printing Post Processing System. System Analysis (Thermodynamic, Chemical) and Algorithm development.

- C++ for Atom running Linux

Lockheed Martin, Owego N.Y.

9/12-12/12

Contract Senior Software Engineer, Development of Post Mission Analysis Report software for MH60 Helicopter Post Mission Analysis for U.S. Navy.

- C# .NET Desktop
- MS SQL Server API, Excel API

Northrop Grumman, Buffalo N.Y.

8/00-1/12

Senior Software Engineer, Software Technical Lead, Worked on various Electronic Warfare projects that involved Large Scale Realtime Complex Systems for U.S and NATO military customers. Systems were based on Multiple Networked PCs and Embedded Processors. Responsible for Product Software Architectures, Development of Realtime Infrastructure, System Executive, Communications, and System Monitoring Software. Performed Requirements Specification, Top Level and Detailed Design, Factory and Onsite System Integrations and Acceptance Tests. Involved with multiple IRADs.

- C++ .NET Desktop , MatLab
 - C++ for VME PowerPC running VxWorks.
 - C for multiple SHARC DSPs
- Pentek Data Acquisition Hardware (expert)

Clearwire Technologies, Buffalo N.Y.

2/95-7/99

Lead Software Engineer. Packet Radio Network for Internet Access. Designed Radio Protocols. Designed Product Software Architecture. Developed Software for various OSI Communication Layers.

- C++ for Intel i960 running VxWorks.

Sierra Technologies, Buffalo N.Y.

5/84-7/00

Software Engineer, Systems Engineer. Worked on various Realtime Complex Systems for U.S and International military and aerospace customers. Work included Packet Radio Network Application Layer Requirements Specification and Top Level and Detailed Design. Development of Inter-processor Communications, Algorithmic Computations, Equipment Control, Target Acquisition and Tracking Software. Modeled Aircraft Dynamics. Involved with multiple IRADs.

- C/C++, Ada, Fortran, Assembly, MatLab.
- Various Embedded Processors and DSPs