

**RICHARD TIGER**  
**Senior Software**  
**Engineer**

GitHub account  
www.linkedin.com/in/name

(585) XXX-XXXX (Cellular)  
Name@gmail.com

**Career Summary:**

Dedicated Senior Software Engineer with over twenty-five years' experience in all phases of computer software design and development in high technology environments. Experienced in both Embedded System Level Software and Applications Level Software. Led software development teams that consistently provide software products that meet, or exceed, overall customer expectations.

**Computer Skills:**

*Computer Languages:* C++, C, XML, Intel Assembler, Motorola Assembler, PLM/86, Java, COBOL, FORTRAN, Basic

*Operating Systems:* MS Windows Vista, XP, 2000, NT, 9x, Mac OS X, Solaris, HP/UX, MS/PC DOS, MTOS, VAX/VMS, UNIX, QNX, Linux, CCI PERPOS

*Packages/Methodologies/Tools:* Visual Studio .NET, Adobe Acrobat SDK, Orbix (CORBA), MS FrontPage, Windows Multi-Threaded applications, Rational Rose Clear Case, Visual Source Safe, InstallShield, Parallels, MS Project

*Windows:* .NET Framework, MFC, COM, Win32, Twain/ISIS Scanner Drivers

*Hardware:* IBM PC, Apple Intel Mac, Sun Ultra Workstation, HP Workstation, DEC VAX, CCI-632FT

*Instruction:* Developed and taught a C# programming language course for GE Consulting Services and Greece Central School District Continuing Education Department

**Experience:**

**COMPANY NAME, Rochester, New York** **2007 - 2010**

**Senior Software Engineering Consultant**

**Currently assigned to *Client Company, Rochester NY, Product Support***

Responsible for the design, and implementation, of major enhancements and fixes to the AutoVue Innova Blood Analysis system. Analyzed customer data to determine problem cause in order to determine corrective actions required. Provided technical support to Product Testing and Quality Assurance Group. This Object Oriented C++ System was developed in Microsoft Visual Studio 6.0. *Key accomplishments included deliverables three months ahead of schedule, and improved collaboration between marketing and engineering departments.*

**COMPANY NAME, Rochester, New York** **1997 - 2007**

**Senior Software Engineer**

*Created functional requirements and design & test specifications associated with the development of specific software subsystems of high speed, high volume, digital printers, and a 65 PPM Production Scanner. Designed, coded and tested major enhancements and fixes to software components. Analyzed customer data to determine problem cause in order to determine corrective actions required. Key accomplishments included 35% increase in productivity, and marked process improvement of analyzer system.*

- **Project Lead (2003 – 2007)** – Managed the Imposition Viewer/Content Edit module of the Digital Front End for the NexPress 2100 family Color Printer. Planned, scheduled and implemented enhancements and maintenance requests for the subsystem. This product was developed in Microsoft Visual Studio 2003 C++ utilizing Adobe's Acrobat SDK and CORBA to facilitate communications. *Project resulted in \$1million in cost savings to client.*
- **Sr. Software Engineer (2005 – 2007)** – Designed and implemented major enhancements and fixes to the Job Ticketing Subsystem of the SmartBoard Image Processing system. This Object Oriented C++ System was developed in Microsoft Visual Studio .NET 2003 and also utilizes Adobe's Acrobat SDK. *Enhancements resulted in more streamlined process for entire system.*

**Name**  
**(585) XXX-XXXX**

**Page 2**

**Experience: (Cont.)**

**COMPANY NAME (Cont.)**

- **Project Lead (1997 – 2003)** - Implemented all Front End Software Group scanner related interface software products. Developed an Adobe "Plug-In" module that allows a user to scan a document from any Twain compliant scanning device and send the captured PDF document to Kodak's High Speed printer. Participated in all phases of the development cycle of a COM based Virtual Scanner Driver (VSD), allowing higher-level clients (i.e. COM clients, not end users) consistent, and easy, access to multiple types of production scanners. Assumed responsibility for the maintenance and enhancement responsibilities for a COM/CORBA bridge specifically tailored to the COM objects developed for the VSD. Orbix by Iona was the Orb software used. Communication to the scanners was implemented via a SCSI interface using the ASPI for Windows toolkit by Adaptec. Managed group of twelve programmers and technical writers.

**COMPANY NAME, Rochester, New York**  
**Senior Software Engineer**

**1990 - 1997**

*Performed assignments that required the application of engineering principles, techniques, and procedures in an ISO-9001 Organization. Duties included the creation of functional requirements and design & test specifications associated with the introduction and maintenance of a complex proprietary Process Control System. Designed, coded and tested major enhancements and fixes to software components. Analyzed customer data to determine problem causes in order to determine corrective actions required. Provided technical support to Quality Assurance Group, Engineering Services Group, Marketing/Training Departments and, when required, the customer directly.*

- Technical Project Lead for the development, implementation and testing of the embedded ABB MOD 300 Ethernet drivers and control firmware of the Intel 552 based, Ethernet Interface Board, following IEEE 802.3 & Ethernet Type II standards. Managed group of ten programmers.
- Project Lead for the development, maintenance and enhancement of several ABB MOD 300 Based communications interfaces. These interfaces facilitated the transfer of data between the MOD 300 and External/Host computers via either Serial or Ethernet connections. Supervised three software engineers.
- Maintained and enhanced, the ABB MOD 300 Template Generator Product. This PC based product, written in C and dBase, allowed customers to create/maintain MOD 300 process databases off-line on their personal computer for later download to the MOD 300.
- Designed and implemented low level translation functions that provided the transitional bridge between the ABB Master System and the MOD 300 system.

**COMPANY NAME, Rochester, New York**  
**Senior Software Engineering Consultant/Site Supervisor**  
**Summary of Clients:**

**1983 - 1990**

- *Eastman Kodak Company, Rochester NY, Copy Products Division: 1989 - 1990*
- *Computer Consoles, Inc., Rochester NY, Core Products Group: 1986 - 1989*
- *Eastman Kodak Co., KAD, TechNet Quality Management System Group: 1984 - 1986*
- *Computer Consoles, Inc. Engineering Interfaces Group: November 1983 to 1984*

**Professional Associations:**

**ACM**, Rochester NY Chapter, 1997 – Present – Treasurer, 2009 - Present

**IEEE**, Rochester NY Chapter, 2002 – Present

**Education:**     **ROCHESTER INSTITUTE OF TECHNOLOGY**                             **Rochester NY**  
                          BS Dual Major: Computer Science and Business Administration, Marketing