

## Summary

Experienced software professional known for finding innovative solutions in a reliable, timely and cost effective manner. Considerable experience in developing approaches which combine commercial software with a minimum of custom developed code in order to reduce development time and increase reliability. Comfortable working in all phases of the software development life cycle.

## Strengths

- Ability to understand and work on projects at any level from requirements analysis to system design to low level debugging.
- Ability to maintain global perspective of project while focusing on specific details.
- Ability and eagerness to learn new subject areas quickly
- Ability to interact and work with people of varied background and experience levels
- Ability to identify innovative solutions
- Ability to identify design tradeoffs and alternative development paths
- Holds Top Secret Clearance with SBI

## Keyword Summary

C++, C#, C, Windows NT/2000/2003, MS Exchange, SQL Server, ASP, ATL, COM, .NET, XML, Web Services, Visual Studio, Visual Basic, Java, Defense Messaging System (DMS), Messaging, X.400, X.509, PKI, LDAP, Requirements Analysis, System Design

## Projects

### Decision Agent

- Designed and led development effort of system to accept messages from both DMS and Legacy originators, determine message distribution using rule based message profiling and distribute the messages via DMS and Legacy delivery mechanisms [C#, C++, VB, COM+, SQL, Windows 200 Server, MS Exchange, MFC, COM, ASP, ATL, XML, .NET, WebServices]

### Multi Function Interpreter (MFI)

- Designed and led development effort for Windows NT - based communications gateway between AUTODIN and DMS. [C,C++, MFC, COM, ATL, Windows NT, TCP/IP,MS Exchange]

### Communications Gateway System

- Designed and led development effort for Window NT-based communications gateway to process AUTODIN style messages in a tactical environment and provide a gateway to other systems via SMTP, FTP and disk directories. [C++, MFC, COM, Windows NT, TCP/IP]

### Tactical Data Terminal (TDT)

- Designed and implemented a Windows based front end for a specialized communication system designed to transmit short, high importance tactical
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messages.

[C, Windows 3.1, IBM-PC, TCP-IP]

### **Senior Troupe**

- An Air Force Intel Communications, Collection and Analysis System. Completed design and led implementation and integration effort for networked system of PCs, VAX Stations, MicroVax IIs, and 68000s.  
[C, Fortran 77, VAX, Oracle, IBM-PC, Windows 2.01, TCP-IP]

### **All Source Analysis System (ASAS)**

- An Army/Air Force Intel Analysis System. Designed and implemented the System Management software layer used by applications software to ensure transparency of software running on VAX TCP/IP network.  
[C, VAX, PDL, Orange Book, TCP/IP]

## **Employment History**

<b>Senior Consultant</b>	Cartroos Consulting Valencia, CA	1975-Present
<b>Senior Programmer</b>	Bausch & Lomb Sunland, CA	1981-1983
<b>Programmer</b>	Princeton Gamma Tech Princeton, NJ	1979-1981

## **Education**

BA Chemistry	Rutgers University New Brunswick, NJ	1979
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## **Professional Affiliations**

IEEE, ACM, Independent Computer Consultants Association

## **References**

References available upon request.

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