

**Edgar C. Jerez**  
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Dear Sir:

Throughout my career I have been involved with the development and growth of several startup companies as well as a computer consulting working on strategic products with large companies.

I have consistently demonstrated keen problem solving ability when face with complex technical problems. I have done and helped put together many proposals for senior management's review regarding new product development. I'm a self starter, skilled in working and motivating other employees in order to accomplish deadlines and goals.

My in. depth knowledge of computer technology with vast experience on the Macintosh, Windows, UNIX (Linux), among others, can be a great asset to your company. I have experience in the following operating systems, Macintosh OS, MS-DOS, VAX-VMS, WINDOWS/NT and UNIX (Linux). Some of the programming languages that I have experience in are assembly, Fortran, Pascal/Delphi, C/C++, Visual C++, JAVA, HTML, XML, JavaScript, PHP, CGI,s, Servlets, Dreamweaver and other such as Basic and Visual Basic. I have experience in multiple development systems (IDE's). I have developed drivers, firmware(Embedded) and GUI applications for different environments. Have good knowledge on different DataBases and NetWorks. Have a dedicated server on the WEB running Linux with a firewall and an Apache proxy server installed on it.

Bellow I have assembled a list of jobs and consulting projects in which I have participated at. This is not a complete list but it gives an indication of the overall general experience that I have gain during my career in the Computer Industry. I have always completed all the task and projects that I have been assigned. Consulting projects usually lasted from 3 to 12 months. Duration as a full time employee has been from 1 to 5 years.

I'm available for Full time employment and or consultant projects.

I look forward to meeting you, and thank you in advance for your consideration.

Sincerely,

Edgar C. Jerez

## **CAREER OBJECTIVE:**

To work in a rewarding and challenging position or project in which my leadership and experience in software and computer systems development can be utilized to its full potential for the benefit of both the company and myself.

## **EDUCATION:**

U of U - 1982 B.S. Computer Science.

## **EMPLOYMENT HISTORY:**

### **Hall Kinion/ Bass Hotels(Six Continents) Consultant**

Modifications and developed add on modules to the Hotel reservation system (Herman). Tools that I used where: Apple FrameWorks, MacApps, AdLib, Source Save, Test Track Pro, Data bases used in the system are: Sybase, Oracle with SQL queries. Code Warrior was the development system. The system runs on a Macintosh network but interfaces with Unix, NT servers and Mainframes. The system is connected worldwide though a complex network. C++ was the programming language used.

***Skills: C++, GUI's, Macintosh, Unix, NT, Source Save, Sybase, Oracle and SQL.***

### **Jerez and Associates, LLC Developer and Manager.**

Jerez and Associates is a consultant company, working with a team of developers, graphic artist and documentation experts. In Jerez and Associates we have worked on several projects such as:

A port/development of a multi-media application to teach English as a second language for a company called CALI. The system was originally developed for windows. We developed it for the Macintosh.

*Wasatch Education Systems, Inc.* Develop a multimedia application for kinder garden, 1st, 2nd, and third grade. This application supported the complete curriculum for the school districts. Once again, this application was originally created on the Windows platform. We delivered the product on the Macintosh.

*MedNet, Inc.* Develop a medical office management system, on the Windows platform. This is complicate medical application with scheduler, electronic medical records, billing (electronically), Transactions (accounting), patient diagnoses with support to industry standard ICD9 codes and SOAP notes subsystem and numerous reports. The system supports single and multiple clinics.

*Cents equals Dollars.* Develop a windows application that sets and manages employee standards for the Automobile industry. The application was originally developed but not completed on Unix using the Progress database environment.

WEB page development: [www.noInteres-Loan.com](http://www.noInteres-Loan.com),  
[www.RestaurantWebServices.com](http://www.RestaurantWebServices.com), [www.LouannHeller.com](http://www.LouannHeller.com),  
[www.MedicalWebServices.com](http://www.MedicalWebServices.com), [www.CentsEqualsDollars.com](http://www.CentsEqualsDollars.com)

***Skills:*** C++, Windows, Unix(Linux), Macintosh and Database environments such as Paradox, DbaseII and Progress. Macromedia's Dreamweaver, HTML, JavaScript, Java. Servlets, CGI's. Setup a dedicated server on the WEB running Linux with a firewall and an Apache proxy server installed on it. GUI development on the applications front end.

**Hall Kinion  
Consultant**

Work on the development of a game for the sonny playstation. Learn and use the sonny play station emulation and software development package on the PC.

***Skills:*** Playstation Emulator, C, C++

**Soft Docs/ Hall Kinion  
Consultant**

Work on interfacing a printer/scanner to the Soft Docs system, the scanner is a \$25,000 device, use by the banks to scan images and add to the image the data and time that the image was scanned. Soft Docs system builds and supports a data base of scanned images.

***Skills:*** Visual C++, MFC, GUI, Access database.

**Folio Corporation/Hall Kinion  
Consultant**

Assign to change and add new functionality to the Install shield setup installation program for new versions of both Document Handler and Paper Bridge applications.

***Skills:*** Visual C++, MFC, GUI, Access database, Install Shield.

**Folio Corporation/Hall Kinion  
Consultant**

Work on 2 separate projects, first assign to change and add new functionality to the Install shield setup installation program for the Web Retriever version 2.1 release. After completing this task I was assign to make modifications to both the installation program and the Web Retriever version 2.1 to recognize Iomega's ZIP and Jaz drives (removable media). The Web Retriever allows the scheduling of

downloading of information from the WEB and it stores it in an Info database. If an Iomega (Zip or Jaz) drive was connected to the system it will be used as the default download media, and the verification of the media for appropriate free space and polling in case no media was present was supported. The development was done using InstallShield for both 16 and 32 bit windows. The changes to the Web Retriever was done using Borland IDE (C++), Visual C++ and Iomega's SCSI and API libraries to talk to the ZIP and/or Jaz drives.

***Skills: Visual C++, MFC, GUI, InstallShield, SCSI drivers and Iomega's API libraries to talk to the ZIP and/or Jaz drives, Windows, GUI.***

### **Network General/Hall Kinion Consultant**

Assign to evaluate and establish a standard process to develop, maintain and port a group of Network General Middleware applications (Sandbox, Explorer NT, etc) application to UNIX base system via Wind/U. Wind/U is a porting tool developed by Bristol technology, it allows an application developed on Windows/Windows NT to be recompiled and run, with minor changes on UNIX platforms. Network Generals Middleware applications were developed on the WindowsNT (3.51 and 4.0) using Visual C++, MFC, OLE and Orbeline libraries. Orbeline is a communications framework that simplifies the development of object oriented network distributed applications in C++. Orbeline's framework goes beyond the CORBA specifications. Wind/U adds to UNIX capabilities currently not found in UNIX such as Ole, MFC and MDI.

***Skills: Unix, Windows/Windows NT, Visual C++, MFC, OLE, Orbeline, CORBA, GUI.***

### **Mad Scientist Software Computer Consultant**

Ported Visual Basic source code from Windows environment to the Macintosh VIP-Basic. The port included 3 modules Cardiac Arrest, Code Team and MicroEKG. The modules were a self-study training aid for emergency physicians, they contain real time evaluation and resuscitation of patients scenarios that can be encountered in an emergency room. Worked with Visual Basic, on Windows and VIP-Basic on the Macintosh.

***Skills: Visual Basic, Windows, Macintosh, GUI interfaces.***

### **Novell, Inc (bought Serius, Inc. on 6/7/93) Software Engineer**

Working on the development of AppWare, and object oriented development system which allows developers to build application from off the shelf objects. The application is portable between the Macintosh, Windows and eventually UNIX. AppWare is a continuation of Serius WorkShop and STI, Inc. a company that Novell purchased on June 7, 1993. STI developed a C library that allows applications to be portable on

the Macintosh, Windows and UNIX. The AppWare platforms supports NetWare NLM %

**Serius, Inc. (Sold to Novell, Inc. on 6/7/93, see above)**

**Software Engineer**

Serius was the developer of the Serius development platform for the Macintosh. The development platform is an object oriented graphic interface which allows application developers to link objects together and assemble applications. Users can save up to 75 % of development time for compatible applications done in other programming languages. I work on the development of the Windows Serius Workshop. The development was done in C ++, we had to address portability issues between the Macintosh and Windows platforms. Serius was purchased by Novell, Inc on 6/7/93.

***Skills: Macintosh, Windows, Visual Basic, C++, Visual C++, Netware, NLM's, DLL's, OLE, Object oriented methodology, compilers, linkers and IDE work.***

**Eaton Kemway/Systems West**

**Computer Consultant**

I was contracted by Systems West to work on a UNIX system for one of Eaton Kemway's customer (Navisco). Navisco have one of the computer control warehouse system. I was hired to do some customize development for Navisco. The work was done in Salt Lake, and forwarded to Navisco over a modem. The work included changes to the user interface, data base and drivers. The changes that were made could not be tested in Salt Lake but had to be tested on site, by the warehouse manager with me on the phone and with a terminal connected over a modem to their system. Because this was the main distribution center for Navisco, and it was up and operating 24 hours a day seven days a week, the changes had to be tested on a live system because it control robots I had to use a lot of caution so as not to cause the robots to damage any merchandise.

***Skills: Unix, C, Oracle, SQL, Sybase, communication tools.***

**Nestor, Inc.**

**President & CEO**

Aid in developing a product and set up an organization to market the "Business Consultant and Financial Analyst, tm." The Corporation was owned by 4 individuals, in which a held the majority of the stock. I was involved in preparing business plans, fund raising, help and directed the preparation of Marketing materials, manuals, video tapes that demonstrated the system and strategic negotiations and planing for Nestor. I had up to 24 employees. Aid on the preparation and distribution of a press release and product evaluations by the media.

**Main Stream Data**

### **Consultant**

Work on the development of a Macintosh interface for an Electronic News Paper device. The device received data from news stories providers, such as API. The providers of the news stories are the same as those that provide the stories for TV and radio news and news papers, the stories came from world wide sources. An electronic device received data from air waves or FM, the data was forwarded to the computers. The program allows the user to setup a selection criteria (query) under which stories were either forward to users on a network or thrown away. To forward the stories over a network I interfaced to WordPerfect Office and Microsoft Mail, the interface was done through the use of an API provided by WordPerfect and Microsoft, we also design and evaluated the interfacing to Quick mail and other mail packages. The development was done on the Macintosh in C and API's. UNIX and DOS versions of the program existed.

***Skills: Macintosh, Unix, Dos, C, GUI interface, API interfaces into EMAIL packages, communication tools and methodology.***

### **VideoSpections**

#### **Computer Consultant**

Designing and developing a user interface to setup and control visual (camera) security systems of building and military site. The development was done using the SDK development system and Glockenspiel CommonView. The system has been developed using the C programming language. The system allowed multiple cameras to be controlled from a single workstation running Windows. The security guard have the power to pan, move, turn on and off, set to record and totally control cameras from the workstation.

***Skills: C, Windows, IDE's and communication drivers and methodology, GUI interface.***

### **Wasatch Education**

Windows development, using the SDK, C and Glockenspiel Common View, a development system for Windows 3.0 and other GUI's such as Presentation Manager.

***Skills: Windows, C, API's, GUI interface.***

### **InnerWorks**

#### **Consultant**

Design and worked on the development of Backman, a backup utility for windows. The development was done in C using the SDK development system.

***Skills: Windows, C, API's GUI interface, Backup and database methodology.***

### **Micro Securities, Inc.**

**Engineering Consultant**

Developed a SCSI driver for the Macintosh. The driver was developed using C and assembly.

***Skills: Macintosh, assembly, C, API's, GUI interface.***

**Promontory Systems Inc., Provo Utah.**

**Engineering Consultant and employee.**

Developed a Template generator to be used in conjunction with the WIZ tablet. The template generator allows the end user to define and print out a template of a specified size with user define cells to be used as visual aid in the WIZ tablet. I developed the template generator in C for the Macintosh, DOS and Windows environments.

***Skills: Macintosh, Dos, Windows, C, API's, GUI interface, communication methodology.***

**PROMOD Inc., Provo Utah.**

**Engineering Consultant**

Worked on the development of a factory simulation package. The user defined all integral parts of a factory and specified the factory layout. The system ran a visual simulation of the development and transfer of parts through the factory. The development was done for the Macintosh environment using Object Pascal.

***Skills: Macintosh, Windows, Object Pascal(Delphi), API's and GUI interface.***

**NetLine, Provo Utah.**

**Engineering Consultant.**

Headed the design and development of a Macintosh printer server and an Apple Talk bridge for the Macintosh LAN. The printer server will make use of the power lines to transfer data between computers and peripherals.

***Skills: Macintosh, Windows, Object Pascal(Delphi), API's and GUI interface, Network protocols stacks such as TCP/IP, Apple Talk/Local Talk and ISO/OSI model.***

**Utah State Board of Education/IBM**

**Engineering Consultant**

Headed the design and development of a computer aid software package (Multimedia application) to teach Spanish in schools. The package worked in conjunction with a television teacher in a satellite TV program. The name of the program was "Se Habla Espanol." This project was developed jointly with IBM.

***Skills: Dos, Macintosh, C, Basic, Pascal***

**Golden Dawn Computer Systems Inc., Salt Lake City, Utah.**

**Engineering Consultant**

Developed the FX80 emulation firmware for a portable fax/printer that

will be marketed by Holmes Micro Systems Inc., Helped in the design of the printers primitives and firmware. Developed a font generator package (Nimbus-Q) that takes URW raster images and generates screen fonts for the Macintosh computer line. Nimbus-Q is used and marketed by "The Company" located in Massachusetts.

***Skills: Macintosh, Dos, Pascal, Assembly, C and printer drivers on the Macintosh and Dos platforms.***

**Dayna Communication, Salt Lake City, Utah.**

**Senior Software Engineer and Project Leader**

Headed the design and development of MacCharlie, an IBM-PC compatible co-processor designed to use with the Apple Macintosh. Gained an extensive knowledge of the internals of the Macintosh, the IBM-PC and the LaserWriter. MacCharlie was voted product of the year in 1985 by John Dvorak, Magazine, Byte and other major computer publications. Other projects that I worked on were: the development of DaynaFile which won an award for communication product of the year by MacWorld in 1987. ,DaynaMail an electronic mail package that communicates (interfaces) with the coordinator of the electronic mail package used by Novell's Netware. DaynaMail is an MHS product. The development of Novell's Netware on the Macintosh, Dayna was subcontracted by Novell to do this development. DaynaNet Dayna's Macintosh Netware LAN.

***Skills: Macintosh, DOS, Assembly, C, Pascal, Novell Netware, NLM's, EMAIL protocols, Appletalk protocol stack based on the ISO/OSI protocol model, GUI interface, RS232 drivers, font technology. Communication methodology.***

**Sperry Corp., Salt Lake City, Utah.**

**Programmer**

Worked on TELCON (a communication front-end system) to handle and convert Bisynchronous, Uniscope, SNA, X-25, and NTR protocols and pass them to host computer. Main responsibilities included the Bisynchronous and Uniscope handlers. TELCON was developed on a Univac 1160 and 1180, using MASSAM assembly language.

**Intermountain Construction Inc., Salt Lake City, Utah**

**Independent Consultant**

Designed and developed a CPM (Critical Path Management System) for construction of major building sites. The development was done on a Televideo-PC.

**Weidner Communications, Provo, Utah**

**Systems/Communications programmer and Team Leader**

Developed and installed interfaces for computers, tape and disk drives. Used DEC's macro assembly, Fortran and C. The computers and other

equipment used included: PDP 11/70, 11/80, VAX 730,750, 780, data analyzers, black box, TNI box, communications analyzers and line testers.

**BSL Technology, Salt Lake City, Utah**

**Systems Programmer, Team Leader**

Responsible for the development, installation and specific user modifications of a laboratory data management system. I used assembly and Pascal languages on the PDP-11 line of computers. The operating systems in use here were Unix and BSL's own OS.

**University of Utah, Salt Lake City, Utah**

**Tutor coordinator and manager.**

Assigned tutors to students and coordinated their progress. General management of the office, and helped in putting together and managing a budget for the Tutor Center.

**Programmer/Operator.**

Analyzed, operated and developed software on a DEC 20 computer.

**Computer Science Corp., Salt Lake City, Utah**

**Computer Operator**

Data processing for Zions National Bank. Worked on an IBM System 370, and operated check sorting machines.

**University of Utah, Salt Lake City, Utah**

**Lab Technician**

Got exposure to micro computers while performing experimental field flow fractionation chemistry.

**PERSONAL:**

Excellent health, enjoy skiing both water and snow, karate', scuba diving and in general all types of sport and activities.

**REFERENCES:**

Will be provided upon request.