

Richard Kenneth Norman II

4067 N. Manila

Fresno, CA 93727

(559)294-8567

Web Site: <http://Jazzynupe.no-ip.com>

Email Address: Jazzynupe@sbcglobal.net

(This Resume: http://Jazzynupe.no-ip.com/business/resume/aerospace_resume.doc)

(Work Experience Sheet: <http://Jazzynupe.no-ip.com/business/resume/experience.doc>)

Objective: To gain a full time position in the field of Aerospace Engineering.

Education:

Aerospace Engineering	University of Southern California
Computer Engineering, Computer Science	Fresno City College
Network Administration	Fresno City College
Cisco CCNA Network Academy	

Skills:

Programming Languages:

BASIC	FORTRAN	Pascal	C/C++	HTML
JavaScript	VBScript	Visual Basic		VRML
Perl	C#	XML/XSL		XHTML

Operating Systems:

DOS	UNIX	X Windows	Windows 3.x
Apple System 7	Windows 9x/Me	Windows NT 4.0	Windows 2000
Windows XP	Windows .NET Server	Linux	Gnome
KDE			

Analysis Programs & Tools:

Matlab/Simulink	Matrix-X	Analyzer	Sniffer Pro
SNMP Management Tool	Cisco ConfigMaker		
Vital QIP	Microsoft SQL Server		Sybase
Microsoft Proxy 2.0	Microsoft ISA 2000 Server		Visual Studio
FrontPage	Microsoft IIS Server		

Work Experience:

Saint Agnes Medical Center (November 1999 – Present)

- ❖ Researched Digital Dashboard Portal development tool
- ❖ Researched use of .NET technologies within enterprise
- ❖ Responsible for compiled Visual C++ applications
- ❖ Began migration from HTML 3.2 to XHTML and XML data structures
- ❖ Began migration from Perl to ASP.NET
- ❖ Managed Perl CGI scripts
- ❖ Maintained online Paging capability
- ❖ Extensive JavaScript development and Visual Basic Script Windows Scripting Host install scripts
- ❖ Migration of Sybase database to Microsoft SQL server
- ❖ Online PDF conversion application
- ❖ Report display utility

- ❖ Researched Online meeting software
- ❖ Packaged Internet Explorer for custom deployment
- ❖ Microsoft SQL Server configuration and administration
- ❖ Microsoft IIS server configuration and administration
- ❖ Assisted in configuration of Cisco Catalyst 4000 and 6500 series Switches
- ❖ Worked with upgrade of VitalQIP IP management system
- ❖ Planned and tested an install of ISA Server 2000 with WebSense product
- ❖ Managed and assisted in maintaining Microsoft Proxy Server 2.0
- ❖ Assisted with install of New Server racks and equipment
- ❖ Internet & VPN Troubleshooting
- ❖ Client help calls and troubleshooting

Part Time work with AlliedSignal Aerospace Torrance (December 1997 - April 1998)

- ❖ Helped begin a Controls and Analysis group in Torrance
- ❖ Began several training courses in Visual Basic for Excel and Analysis Methods

Summer Internship at Allied-Signal Aerospace (Summer 1995 & Summer 1996 & Summer 1997)

- ❖ Helped create the start-up routines for the T800 turboshaft engine using Fuzzy Logic
- ❖ Created model of T800 engine using Matlab and Simulink
- ❖ Helped test and add to special plotting program made for Matlab for use on workstations, PC's, and Mac's
- ❖ Modeled an entire ECUIC for the T800 turboshaft engine in Matlab and Simulink
- ❖ Created special programs to read data disks to initialize ECUIC model
- ❖ Created documentation and placed them on World Wide Web pages for company wide access
- ❖ Verifying control logic for the X-32 and X-35 demonstration aircraft for Joint Strike Fighter
- ❖ Contributed to J/IST Auxiliary Power Unit and Environmental Control System analysis
- ❖ Modeled most of the ECUIC for the F-22, X-32, and X-35 aircraft in Matlab and Simulink

Fractal Programming using FORTRAN and DrawP3D (Summer 1992 - Summer 1993)

- ❖ A year long program between high schools and Carnegie Mellon University's Pittsburgh Supercomputing Center department

Built and analyzed model glider (Aerospace Engineering 105; Fall 1993)

- ❖ Analyzed glide slope, coefficient of lift, coefficient of drag, etc.

Activities and Awards:

Research into IPv6, April 2000 – present
 Research into Unified Theory, September 1999 – present
 Research into Web Services (.NET), February 2001 – present
 Research into SSTO concepts and designs, September 1999 – present
 National Society of Black Engineers, 1993 - present
 American Institute of Aeronautics and Astronautics, 1993 - 1995
 Kappa Alpha Psi Fraternity, Inc. 1994 - present
 USC Minority Engineering Program, 1993 – 1995