

# Newton Etienne

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## **SUMMARY OF QUALIFICATIONS**

Highly organized, enthusiastic IT professional seeking to apply my knowledge of computers and problem-solving skills to contribute to the advancement and growth of an organization. Masters of Computer Science backed by hands-on experience in system and network administration, programming, business operations and systems development.

## **TECHNICAL KNOWLEDGE**

- In-depth knowledge of multiple operating systems
  - Microsoft Windows 95/98/ME
  - Microsoft Windows 2000/XP
  - Microsoft Windows NT 4.0/Advance Server/2003 Small Business Server
  - Sun Solaris (on SPARC platform)
  - Various Linux Distributions (RedHat, Gentoo, Mandrake)
  - UNIX
  - Cisco IOS
- Programming and Scripting languages: C, C++, Java, JavaScript, Visual Basic, VB Script, Fortran 77, Scheme, Prolog, Lisp, Perl, HTML, and XML
- Development Suits: Visual Studio, Visual .NET, Visio, JBuilder 6, WebSphere, MS Office Suite
- Databases: MySQL, Microsoft SQL Server, Microsoft Access
- Other Software Applications: Microsoft IIS, Apache, SSH, Veritas Backup Exec. VNC
- Other technical skills: DHCP, WINS, DNS, MS Exchange, Cisco Routers and Switches
- Good technical writing skills and ability to adequately document all code and work
- Able to work independently as well as in a team environment

## **EMPLOYMENT and PRACTICAL EXPERIENCE**

Network and System Administrator, Technical Support and Programmer

May 2001 - present      Survey Research Laboratory, Florida State University

- Manage, maintain and monitor MS Windows 2003 Small Business Server (primary domain controller), two MS Windows 2000 Advance Servers (web server/IIS 5.0) and over 40 Windows (2000 and XP) client workstations and laptops
- Maintain LAN network (using NetBEUI, and TCP/IP protocols)
- Troubleshooting hardware/software failure, installing hardware and software, and general technical support
- Programming in Ci3 code, used for CATI surveys and web surveys
- Database Administration responsibilities and activities
- Creation and modification of Perl scripts
- Usage of application packages such as Perseus Survey Solutions, Sawtooth WinCati, Sawtooth Sensus, Remark Web Survey, Remark Office OMR, and Macromedia ColdFusion MX
- Deployment of Norton AntiVirus Corporate Edition throughout network
- Firmware upgrades

- Disaster Recovery
- Conduct interviews to find candidate for position replacement
- Put in position of leadership to train and guide employees

## **EDUCATION**

Florida State University  
Master of Science - **Computer Science**, Dec 2005

Florida State University  
Bachelor of Science - **Computer Science**, May 2003  
Minor - Mathematics

## **RESEARCH and PROJECTS**

Predator and Prey Alert System with Dr. Aggarwal, August 2004 – May 2005

- This project proposes the design and development of a software system that will assist law enforcement in supporting victims of online stalking and harassment
- Contributions include design of system, documentation, software implementation of desktop activity recording, keylogging and various other components
- Worked in a team of 10 members, including the chair of the Computer Science department, various professors, Ph.D candidates, graduate students and undergraduates

PCI device driver with Dr. Baker, June 2004

- Device driver for the PixelSmart 512 HRT video frame grabber
- Programmed for use with Linux (kernel 2.4.26 and 2.6)
- Contributions include color support and Video4Linux2 and I<sup>2</sup>C support

## **SPECIALIZED COURSEWORK**

Data and Computer Communications  
Advance Network Systems  
Computer Systems and Network Administration  
Network Design and Management  
Advance Unix Programming  
Linux Kernel Programming  
Enterprise Java Programming with IBM WebSphere  
Network Security

## **HONORS AND AWARDS**

FSU Research Assistantship (tuition waiver and stipend), August 2004 – May 2005  
Chancellor's List, February 2005

## **MEMBERSHIPS**

Upsilon Pi Epsilon (UPE) Honor Society for the Computing Sciences, April 2005  
Association for Computing Machinery (ACM) student membership, April 2005

**REFERENCES**

Mary Stutzman, Ph.D. College of Social Sciences  
Florida State University  
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