

ALEXIS PERVOV

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OBJECTIVE

Seeking a position as an Electrical Engineer building upon demonstrated abilities in network design and testing.

EDUCATION

B.S., Electrical Engineering, May 2002 Major GPA 3.3, Overall GPA 3.1

GEORGE MASON UNIVERSITY, Fairfax, VA

Senior Design Project: Designed, tested, and constructed an 8-bit successive approximation A/D converter with 1Khz sample rate and sample/hold front end.

TECHNICAL SKILLS

Design Programs: Mentor Graphics, MatLab, PSpice, AutoCAD, VHDL
Languages: C, C++, HTML, Scheme, and Assembly
Operating Systems: UNIX, SunOS, DOS, Windows
Equipment: Flukes, scopes, dole kits, meggers, phase shifters, and angle meters
Applications: MS Word, Excel, PowerPoint, Access, Oracle, and PhotoShop

WORK EXPERIENCE

LOCKHEED MARTIN, Manassas, VA

Co-op Engineer May 2001 – Present

Design, test and implement data networking solutions involving wireless network design and implementation at military installations. Create testbench models and test cases for implementation and design.

GEORGE MASON UNIVERSITY, Fairfax, VA

System Administrator, January - May 2001

Administered a UNIX based lab of GIS and image processing workstations. Assisted students using workstations. Maintained detailed log of problems with workstations and troubleshoot problems.

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION, Vienna, VA

Computer Technician Co-op, June - December 2000

Maintained LAN consisting of three servers and over 80 PC workstations. Designed and implemented a PC printer network system. Troubleshoot problems, configured, and maintained computers and peripherals.

MICROCENTER COMPUTERS, Vienna, VA

Sales Assistant, August 1999- May 2000

Demonstrated computer programs to potential customers. Trained individuals to utilize the computer to achieve maximum results. Top Sales Assistant October 1999, March and April 2000.

ADDITIONAL EXPERIENCE

Designed filters using Matlab to be used with voice recognizing systems.

Simulated digital circuits using VHDL that recognized when two cars were too close together.

Tested analog circuits using Pspice to ensure circuits were working effectively.

Created linked list program using C+ that inserted a random number into the appropriate location in the list.

OTHER INFORMATION

- U.S. Citizen
- Chapter Secretary, Society of Women Engineers, George Mason University, May 2000 - Present
- Member, Society of Women Engineers, George Mason University, September 1999 – Present
- Department of Defense Secret Level Clearance