Greg Piller

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Objective

Obtaining a position in Electrical or Computer Engineering. Special interests include Computer Architecture, microprocessor design, and VLSI design.

Education

University of Wisconsin – Madison   *1997 - Present*

- College of Engineering, University of Wisconsin striving to obtain a Bachelor of Science in Electrical Engineering and Computer Science and a certificate in Computer Engineering.
- Overall GPA: 3.51/ 4.0
- Anticipated graduation: May 2002
- Maintained status as a full time student on the Dean's Honor List for 8 semesters.
- Recommended for membership in the Golden Key National Honor Society.

Relevant Course Work

- C++, Java, VHDL, and Verilog programming
- Operating Systems Design
- Introduction to Microprocessor Systems
- Digital Engineering Laboratory
- Data Structures
- Digital System Fundamentals
- Computer Architecture
- Advanced Computer Archtecture
- Machine Languages stressing the MIPS RISC and Intel 80C188EB architecture

Relevant Projects

- Writing and interfacing programs with an 80C188EB processor to generate specific waveforms through the use of onboard timers and program I/O ports. Also worked with processor interrupt techniques, serial communication, and D/A conversion.
- Designing and testing both multicycle and pipelined processors with an ISA resembling MIPS.
- Designing, testing and implementing a non-trivial computer with an original instruction set with a group of six people to end at our overall project goal of designing a system to play the game of Pong.

Employment

Help Desk Assistant – Intercollegiate Athletics, UW-Madison   *1998 - Present*

- Part of a team providing level 1 help desk support; resolve problems pertaining to local area networks; responsible for troubleshooting, installation and configuration of all hardware and software.
- Extensive experience in the use and support of software packages, including Microsoft Office 2000, Windows 95/98/NT/2000, Novell Netware 5.0 and Zenworks, Photoshop, and Groupwise.
- Experienced in the use of Borland C++ Builder for database applications.

Summer Intern – Division of Information Technology, UW-Madison   *Summer 1998*

- Course work involving the technical aspects of computer hardware and computer networking.
- Proficient in the use and support of Microsoft Windows NT and Microsoft Office 97. Gained knowledge of computer help desk operation and techniques of conveying computer related information. Learned the basics of computer repair.

Interests

Activities such as baseball, football, tennis, biking and weightlifting. I also like to work on small construction projects and computer builds. Spending time with family and friends is also of major importance in my life.