

Peter James Koczan

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Current Address:

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Permanent Address:

2829 Erie Ave.
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Education:

University of Wisconsin – Madison (9/2002 to 5/2006)

Bachelor of Science, Computer Science
Cumulative GPA: 3.880, Major GPA: 3.971

Relevant Courses:

Intro to Programming, Intro to Data Structures, Machine Organization and Programming, Digital System Fundamentals, Numerical Methods, Programming Languages and Compilers, Computer Graphics, Computer Architecture, Artificial Intelligence, Database Management Systems, Bioinformatics, Algorithm Design and Analysis, Operating Systems, Calculus (up through 3rd semester), Discrete Mathematics, Linear Algebra, Mathematical Sociology, Probability and the Markov Chain Model

Lakeland College, Sheboygan, WI (9/2001 to 6/2002)

Took two semesters of Physics through the CAPP program.
Cumulative GPA: 4.0

Honors:

- Dean's list: 4 semesters
- Member of the Madison Chapter of the National Society of Collegiate Scholars
- Member of the Madison Chapter of Phi Beta Kappa
- Member of the Madison Chapter of Golden Key International Honor Society
- Graduated with Distinction (top 20% of graduating class)
- AP Scholar: 2002

Work Experience:

Computer Systems Lab, Computer Sciences Department, UW-Madison, Madison, WI

Dates Employed: 1/2004 – Present

Title: Student System Administrator

Responsibilities: Hardware Repair, Technical Support, Programming, System Administration, Web Programming (www-auth), Web applications, Web Servers/Administration, Hardware and Networking, Database Administration, Database Applications, Unix Orientation, Graduate Application Process, System Monitoring.

Alumaroll Specialty Co., Sheboygan, WI

Dates Employed: 5/2003 – 8/2003

Title: Screener/Post-Screener

Responsibilities: Worked with others as a team to complete production of mosquito screens.

Reason for Leaving: Seasonal/Summer Job

Blockbuster Video, Sheboygan, WI

Dates Employed: 8/2000 – 8/2002

Title: Customer Service Representative

Responsibilities: Monetary transactions and till management, customer service, inventory, maintenance.

Reason for Leaving: Moved to Madison to attend college.

Teaching Experience:

Computer Systems Lab, Computer Sciences Department, UW-Madison, Madison, WI

Dates: 1/2004 – Present

Details: Unix Orientation sessions. Taught new/novice Unix users the basics of Unix. Led interactive hands-on sessions, edited materials for orientation (using LaTeX and Powerpoint), organized other students to assist with orientation sessions.

Technology Skills:

Programming Languages: C, C++, Java, Perl, PHP, Python, SQL; familiar with PASCAL, Verilog, VHDL, MIPS Assembly.

Programs/Software: Office software (Microsoft Office, Open Office, and other variants), Mentor Graphics, Café, MATLAB, make, purecov, purify, mason, bison, flex, Apache, Visual Studio, fltk, GTK, LaTeX.

Operating Systems: Very proficient with both Windows and Unix-based systems such as Linux (Red Hat and Debian variants), BSD, and Solaris. Some experience with MacOS.

Web Design: HTML, Mason, PHP, Perl and Python based CGI. Open-source web framework such as Apache.

Database Design/Apps/Management: Designed several relational database schemas and applications. Very experienced with PostgreSQL, MySQL, and Sybase.

Hardware: Familiar with PC architecture and peripherals. Exceptional hardware repair skills (PC).

System Monitoring: Nagios, Cricket, syslog analysis programs.

Volunteer Experience and Organizations:

- Salvation Army through National Honor Society
- Miscellaneous volunteer work through St. Dominic's Parish, Sheboygan, WI
- Badger Buddy for UW-Madison Welcome Week.
- Above and Beyond Children's Museum, Sheboygan, WI
- UPL – Undergraduate Projects Lab of the UW-Madison Computer Science department.
- Intramural Basketball
- Interest groups through Chadbourne Residential College (CRC)
- CRC Running Club

References:

References are available upon request.