

Karl T. Voelker

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School Address

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Objective

Engaging my software development skills with a co-op during summer, 2008

Education

Rochester Institute of Technology, Rochester, NY, Fall 2005-
Graduating Spring 2011 with M.S. and B.S. in Computer Science
GPA 3.95; enrolled in Honors Program; receiving National Merit Scholarship

Employment

Student Programmer, R.I.T., Rochester, NY Nov. 2006–Present

- Developed identity, account, and computer management system
- Created new features, fixed bugs, and performed testing
- C, Oracle Pro*C, Java, PHP, JavaScript, XSLT, SOAP, and LDAP.

Operator, R.I.T., Rochester, NY Mar. 2006–Nov. 2006

- Managed overnight backups, processing, and printing
- Responsible for critical hardware and services

Page, River Falls Public Library, River Falls, WI June 2003–Aug. 2005

- Assisted library patrons, prepared new materials for circulation, and shelved returned materials.

Experience

Writer, *Reporter* magazine, Rochester, NY Nov. 2007–Present

- Wrote articles on a variety of topics
- Communicated with editors regarding article content and deadlines

Systems Admin., Computer Science House, Rochester, NY Sept. 2006–Present

- Created in-house software to manage firewall configuration with Perl and PHP.
- Administered servers and network, including Linux, BSD, and Solaris, with Apache, MySQL, PostgreSQL, Perl, PHP, and other services
- Communicated with numerous active and alumni members about House systems.

Projects

The Game Center, a multi-player board-gaming website with turn-based games

- Culmination of self-driven learning about web applications
- In active use since 2003, providing valuable maintenance experience
- <http://games.karlv.net>

Object-relational mapper for Perl and Postgres

Scheme-like compiler and runtime for the TI-89 graphing calculator

Technical seminar series given to Computer Science House members

- <http://seminars.karlv.net>

Skills

C, C++, Java, SQL, Perl, PHP, XML DOM, XPath, XSLT, JavaScript, HTML, CSS,
Linux, FreeBSD, Solaris