

Matt Oquist

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Alternate formats available: <http://majen.net/>

Summary

- * Network/Systems/Software Engineer
- * Experience with educational networks, users, and community
- * FOSS Community-building
- * Creative, motivated, dependable
- * Strong skills: analysis, communication, cooperation

Experience

Virtual Learning Academy Charter School

Aug.2007 – Present
Exeter, NH

Chief Information Officer (2 days/week)

- * Planned and implemented internal and public network services (email, Web, VoIP, Moodle)
- * Planned and performed new instructor training
- * FLVSIntegrator (<http://download.moodle.org/patches/flvsintegrator>)
 - Integrates Moodle and Virtual School Administrator
 - Course import system for FLVS course content
 - Calculates instructor payroll based on student progress
- * Massive and deep Moodle customizations to improve user workflows and meet school policy requirements
- * Support ~2000 remote instructors and students
- * Hired and managed Operations and Helpdesk team

Exeter School District

Nov.2006 – Present
Exeter, NH

Network/Systems Engineer (3 days/week)

- * 5000+ users, 10 sites, 50+ servers, ~2500 desktops
- * Migrated networks from Windows to Linux (LTSP, Edubuntu)
- * Created VPNywhere and built virtual WAN with remote sites

Founder/Officer

Jun.2004 – Present

Founder of Software Freedom International (SFI)

- * Founded international non-profit organization (NH, USA-based)
- * Grew yearly event from ~20 volunteer teams to >500 in 2008
- * Currently serving as Treasurer

Contracting

*Jan.2005 –
Nov.2006*
Nashua, NH

SPDC Portfolio System (<http://download.moodle.org/patches/portfolio>)

- * Developed easy-to-use portfolio system integrated with Moodle
- * Supported community of users (search moodle.org forums for "SPDC portfolio")

Linux Networks for K-12 Schools

- * Consultant for migrating school networks to Linux.

LAMP

- * Web-based build system for TheOpenCD. (for Canonical, Ltd.)

Hewlett-Packard

*Aug.2001-
Dec.2004*
Nashua, NH

Software Engineer (Tru64 UNIX, HP-UX, Applications & Kernel)

- * Implemented HP-UX hardware management registry and clustered data management
- * Developed and led usability study with HP-UX customers

Taylor University CS Department

Fall 1999-Fall 2001

System Administrator (Student/Assistant)

- * Maintained Linux and Windows NT in Computer Science labs

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Upland, IN

Technical Knowledge

- * C, Perl, UNIX shell, PHP, Python, Javascript, C++, Java, Smalltalk, Ada, CLIPS, PL/SQL, Prolog, COBOL, LISP, POVray, OpenGL, Automod, Visual Basic, Visual Basic Script
- * Ubuntu, Fedora/RHEL, Gentoo, and Mandriva Linux, HP-UX, Tru64 Unix, FreeBSD, OpenBSD, Mac OS X, Microsoft Windows 95/98/NT/2000/XP
- * LTSP, OpenLDAP, DNS, DHCP, Samba, Apache, NFS, MySQL, PostgreSQL, Puppet, PXE, WebDAV
- * Ubuntu/Debian packaging
- * Moodle, LAMP, LTSP development
- * HTML, XHTML, CSS, XML

Education

- Taylor University**, Upland, IN, 1997-2001
 - * Bachelor of Science, Computer Science, Philosophy minor
 - * Classes: Data Communications, Database Concepts, Operating Systems, Computer Organization, Interactive Applications Design, Information Systems Analysis/Design
- Tufts University**, Medford, MA, 2005-Present
 - * Master of Arts in Philosophy, continuing

Projects and Activities

- * Established and led small local film forum
- * Won competition with intelligent computer game player in Intro to A.I. class tournament (<http://majen.net/quoridor/>)
- * CS T.A., CS Tutor, Symphonic Band, Pep Band, Ethics Bowl
- * Package Moodle and VPnywhere for Ubuntu

Organizational Activities

- * Co-directed Free Open Source Software in Education conferences in ME and NH, 2005-2007. (<http://fossed.net>)
 - ~100 attendees annually (tech coordinators, technicians, teachers, students)
 - recruited presenters
 - defined topics and tracks, constructed schedules
 - expanded conference to New Hampshire
 - chose and arranged conference expansion site
 - presented on topics such as LTSP/Edubuntu, Samba/LDAP, automated network OS installation, Debian/Ubuntu packaging
- * Founded Software Freedom International; see above