Matt Oquist

603.236.1054
moquist@majen.net
http://majen.net

Summary
* Software Engineer, Project Lead
* Creative, motivated, dependable
* Strong skills: communication, cooperation, analysis
* See also: https://github.com/moquist

Experience

Kratos SecureInfo
Apr.2014 – present

Senior Software Engineer
* Researched data visualization, dashboard design, and statistical data analysis practices to inform development of threat assessment product
* Built Clojure/Datomic discovery engine back end with ClojureScript Web visualization of discovery results
* Worked remotely and independently

Virtual Learning Academy Charter School
Aug.2007 – Nov.2014
Exeter, NH

(Founding) Chief Information Officer
* Planned and implemented internal and public network services (email, Web, VoIP, Moodle)
* Envisioned and built deep Moodle customizations and integrations to improve user workflows and meet school policy requirements
* Migrated from event-based integrations to queues
* Transitioned department from LAPP stack to Clojure/Datomic
* Supported ~6000 remote instructors and students
* Built and managed technology department (help desk, sysadmin team, software development team)

Exeter School District
Nov.2006 – Jun.2009
Exeter, NH

Network/Systems Engineer
* 5000+ users, 10 sites, 50+ servers, ~2500 desktops
* Migrated networks from Windows to Linux (LTSP, Edubuntu)
* Created custom VPN and built virtual WAN with remote sites

Software Freedom International
2004-2013

Founder/Officer
* Founded international non-profit organization (NH, USA-based)
* Grew annual event from ~20 volunteer teams to hundreds in 2012

Consulting
Jan.2005 – Apr.2014

Custom Moodle Development & Linux Consulting
* Developed Cvent enrollment plugin (http://goo.gl/CSUCS1)
* Customized Enrollment/Authentication/Integration
* Provided expertise for school migrations to Linux

Hewlett-Packard
Aug.2001- Dec.2004

Software Engineer (Tru64 UNIX, HP-UX, Applications & Kernel)
* Implemented HP-UX hardware management registry and clustered data management

Matt Oquist	603.236.1054 moquist@majen.net http://majen.net

Technical Passions
* Clojure, Clojurescript, Datomic
* Software simplicity
* Good system integrations: Let the computers do the work!

Technical Interests, Experience, etc.
* Javascript (the good parts), Python, Bash, C, Perl, Java, PHP
* Linux/Unix (and other OSes)
* LDAP, DNS, DHCP, Samba, NFS, VoIP, etc.

Education

Taylor University, Upland, IN, 2001
* Bachelor of Science, Computer Science/Systems, Philosophy minor

Tufts University, Medford, MA, 2013
* Master of Arts in Philosophy

Organizational Activities
* **Southern New Hampshire Clojure Meetup**, co-founder, 2014-present
  * Shared responsibilities for monthly meeting planning, corporate sponsorship arrangements, presenting and arranging presentations, devising collaborative learning exercises
  * 15-20 regular attendees
* **Free Open Source Software in Education conferences in ME and NH**, co-director, 2005-2007
  * ~100 attendees annually (tech coordinators, technicians, teachers, students)
  * recruited presenters
  * defined topics, tracks, and schedules
  * expanded conference to New Hampshire
  * chose and arranged NH conference site
  * presented on topics such as LTSP/Edubuntu, Samba/LDAP, automated network OS installation, Debian/Ubuntu packaging