

E. Axel Larsson

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Summary:

Identity and Access Management architect, Multi-platform database and system administrator, Web application developer. Experienced in bringing together an array of commercial and open-source systems into a cohesive and highly-available computing environment--Building the glue to make everything work together.

Technical Expertise:

Novell Identity and Access Management (including Novell Identity Manager, iChain, and Access Manager); directory services (including Novell eDirectory and Microsoft Active Directory); Database administration: Scripting languages; Multi-platform systems administration; High-availability system deployments; Enterprise server virtualization; Layer 4 load-balancing systems.

Experience:

May 2008 – Present **Drew University Computing and Network Services** Madison, New Jersey
Enterprise Systems Architect

- Management and implementation project lead for a wide-variety of software systems spanning the academic and administrative functions of the University.
- Architect for Identity and Access management across all University systems.
- Architect and primary implementer for a highly-available web application delivery infrastructure, encompassing single-sign-on, layer 7 application switching, service protection, and consolidated logging.
- Work with the director of the University's Computer Science program on implementing his vision to enhance the liberal-arts CSCI curriculum to include a wealth of practical experience working with real technology. Serve as point of contact and provider of IT services for the CSCI program. Collaborate with the Director to furnish Drew students with opportunities inside the IT organization working with Drew's enterprise systems.
- Responsible for developing and enhancing the project management and software development process within the Enterprise Applications office.
- Integration lead for a migration of the Development & Alumni Relations functions from a legacy ERP system to Blackbaud's The Raiser's Edge.
- Developer of integration tools and web front-ends in a variety of scripting languages.
- Currently manage one full-time staff position in Enterprise Applications and various student developers as appropriate.

June 2003 – May 2008 **Drew University Computing and Network Services** Madison, New Jersey
Enterprise Integration Specialist

- Project lead for identity management and user provisioning. Design and implementation of an identity management solution integrating multiple Novell eDirectory trees, Microsoft Active Directory, various Microsoft SQL Server 2000 applications, and a legacy multi-value (PICK derivative) database system using Novell Identity Manager and home-grown tools; Development of a custom application for implementing complex role-based entitlement policies;
- Project lead for University-wide email migration to Novell GroupWise.
- Implemented web single-sign-on services utilizing Novell iChain.
- Project lead for a cross-departmental deployment of incident tracking software.
- Co-developed an application designed to automate the deployment and personalization of computers in an Active Directory environment.

June 2002 – June 2003 **Drew University Academic Technology** Madison, New Jersey
Application Developer / Database Administrator

- Implemented a Novell DirXML 1.1a based solution for account and password synchronization from an existing Novell eDirectory tree to a new Microsoft Active Directory domain.
- Implemented Microsoft SQL Server 2000 for departmental database applications.

- Chaired a committee responsible for selecting a cross-departmental solution for incident tracking and customer relationship management.

Sept. 1998 – June 2002 **Drew University Academic Technology** Madison, New Jersey
Student System Administrator, Software Developer, Helpdesk Operator

- Co-developer of an Apache module for providing single sign on to web applications.
- Developed web based tools for eDirectory account management utilizing LDAP.
- Served as an escalation contact for system issues that arose outside of normal business hours.
- Co-developed a home grown application for Helpdesk incident tracking, using Perl, PHP, and Oracle 8i.
- Diagnose software/network problems with Drew University standard software/hardware.
- Member of the help desk's network services team; responsible for on-site diagnostics and resolution of network/software problems with faculty/staff computers, as well as maintenance and deployment of network equipment.
- Member of the help desk's managerial staff. Assist in the general management of the help desk.

Education:

Sept. 1998 – June 2002 **Drew University** Madison, New Jersey

- Bachelor of Arts in Computer Science, Mathematics Minor.
- GPA: 3.7 (major), 3.2 (cumulative).

Publications and Presentations:

- "Web single-sign-on with iChain and Novell Access Manager 3." Novell TTP Conference; July 2007; Provo, Utah. Novell TTP Conference EMEA; January 2007; Amsterdam, The Netherlands.
- "Identity Management in Higher Education" Novell BrainShare Conference; March 2007; Salt Lake City, Utah.
- "Generic application integration with Novell Identity Manager using the Identity Manager Integration Module for Databases." Novell TTP Conference EMEA; January 2007; Amsterdam, The Netherlands.
- "A Case Study: NetMail 3.5 to GroupWise 7 Migration." Novell TTP Conference EMEA; January 2007; Amsterdam, The Netherlands.
- "Identity Manager at Drew: It's about applications." Novell TTP Conference EMEA; January 2007; Amsterdam, The Netherlands.
- Betsy Black and E. Axel Larsson. "Beyond simply email: Upgrading an entire campus to enterprise email and calendaring with GroupWise." ACM SIGUCCS 2006 Fall User Services Conference Proceedings.
- "Managing Time-Driven Entitlement Policies with Novell Identity Manager." Novell TTP Conference; July 2005; Provo, Utah.
- "Integrating Database Applications with the JDBC Driver for Novell Identity Manager." Novell TTP Conference; July 2005; Provo, Utah.
- E. Axel Larsson and Russell Sprague. "eXtreme Deployment: Distributing and Configuring 450 Student Laptops in Five Hours" ACM SIGUCCS 2004 Fall User Services Conference Proceedings.
- Betsy Black and E. Axel Larsson. "A Case Study: Implementing Supportworks Professional Helpdesk at Drew University" ACM SIGUCCS 2004 Fall User Services Conference Proceedings.
- Betsy Black, Erik Larsson, and John Saul. "Helpdesk.drew.edu: Home Growing a Helpdesk Solution Using Open Source Technology" ACM SIGUCCS 2000 Fall User Services Conference Proceedings.

Professional Affiliations:

- Novell Technology Transfer Partners; elected member of the TTP Conference Advisory Board 2006-2008; Current member of TTP Technical Advisory Board.
- Association for Computing Machinery
- ACM Special Interest Group for University and College Computing Services (SIGUCCS)

References available upon request.