

# Ian Paul Rifkin

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## Summary

Knowledgeable IT leader with hands-on experience architecting and implementing elegant technology solutions and mindfully managing staff members while leading technology initiatives.

## Experience

Brandeis University, Information Technology Services, Waltham, MA

Director of Data and Systems Integration, Sept. 2017 – Present

- Provide strategic technical leadership and vision in areas surrounding data integrations, data warehouse, Identity and Access Management, Web development, and SaaS solutions.
- Direct technical implementation team members and consultants as part of the University's ongoing migration from PeopleSoft to Workday.
- Manage and mentor team of thirteen technical staff members.
- Advise stakeholders across the University with goal of creating common approaches and processes to deliver an architecture that supports the most efficient and sustainable IT environment meeting the community's needs.
- Plan staff and budgetary resources to ensure successful completion of projects.
- Successfully negotiate vendor contracts to achieve agreements that deliver the most value to the University.

Data Warehouse Architect, Apr. 2016 – Sept. 2017

- Supervised and lead team of business analysts, PeopleSoft developer, and ETL Developer.
- Architected all aspects of data warehouse environment for delivering 300+ enterprise MicroStrategy and Tableau reports and business intelligence dashboards.
- Manage extract/transform/load (ETL) processes including 1,300 DataStage sequences/orchestrations and 12 PeopleSoft Application Engine jobs resulting in resulting in 38,000 tables and views including 900 facts/dimensions.
- Orchestrated feeds using the Warehouse as a data hub to dozens of third-party systems, to successfully continue business critical operations such as student housing, card swipes, space planning, and course evaluations.

Software Systems Manager, Apr. 2011 – Apr. 2016

Software Systems Administrator, Apr. 2010 – Apr. 2011

- Supervised and mentored Web Developers, helping them to advance goals of Department and University while advancing their individual professional development.
- Served as functional IT lead for University Web presence containing 300k static pages receiving over 1M hits per day, integrations with custom Web applications and SaaS vendors.
- Performed technical management and oversight of academic and administrative software portfolio including proprietary (e.g. Cascade Server CMS), open source (e.g. Moodle LMS, WordPress Blogs), and in-house developed applications (e.g. Web Phonebook, Faculty Guide) and middleware.
- Maintained OpenLDAP servers including ACLs (respecting FERPA) and schema, including feeds to/from LDAP and master/slave replication - utilized by business critical daily operations including authentication and email delivery.
- Developed Web applications and middleware including integration with Google Apps API for managing 60k user accounts, aliases, and passwords (written in Perl and Python with Flask).

- Implemented and managed Shibboleth Identity Provider (Shib IdP, SAML) including Development Operations (DevOps), enabling a standardized approach for SAML authentication integrations work with SaaS vendors.

Web Developer, Aug. 2007 – Jan. 2010

Web Specialist, Apr. 2005 – Aug. 2007

- Implemented enterprise Web content management system enabling a robust Web editing environment. Supported community of 250 Web editors (department administrators, faculty and student workers) via group and personal training sessions.
- Served as point-person in migration and upgrade of learning management system (WebCT CE to WebCT Vista and WebCT to Moodle).
- Implemented Google Apps at Brandeis for all campus constituents.
- Acted as primary administrator for campus community portal/intranet, wiki, and blogs.
- Wrote modern and valid front-end code (HTML, CSS, JS) implementing standard University public website templates on 100k pages.
- Maintained and contributed development of custom Identity Management software (MVC Perl).
- Improved Development Operations (DevOps), Release Management and architecture enhancing availability and maintainability for 200 virtualized Red Hat Enterprise Linux servers including automating tasks via Perl, Python, and Bash scripts.

The Alliance of Digital Humanities Organizations (ADHO)

Systems Administrator Consultant, Sep. 2012 – Dec. 2018

- Collaborated with digital humanities faculty, staff and researchers to deliver websites containing 100k HTML pages and applications using CentOS, DNS, email hosting and delivery, iptables, Apache HTTPD and Tomcat, Drupal, MediaWiki, WordPress and the Text Encoding Initiative (TEI) applications.
- Wrote various scripts to automate backups, Drupal upgrades, application availability, and notifications.

## Teaching

Brandeis University, Rabb School of Continuing Studies, Waltham, MA

Instructor, Sept. 2009 – Present

- Created “Enterprise Content Management” and “Mobile Applications and Responsive Web Design” courses as electives for Software Engineering graduate-level program.
- Teach graduate level courses for Masters of Software Engineering program to classes of international and domestic distance learning students

## Presentations

NorthEast Regional Computing Program (NERCOMP)

- DevOps: Putting It Into Practice, January 23, 2019
- Identity Management in a Cloudy World, February 27, 2018
- Data Lift-Off: Launching a Business Intelligence Initiative, June 12, 2017
- Mobile Design for Web Application Templates, December 5, 2013
- Google Apps Administration, February 13, 2013
- Identity Management, June 16, 2011
- Managing Software in Higher Education, March 30, 2011
- Software Release Management Best Practices, October 07, 2010
- Change Management, March 09, 2010
- The Online Campus Community, January 19, 2006

#### Portal Conference

- Online Community - How do you know when you have one, June 7, 2006

#### Cascade Server User Conference

- Integrating Web and Application Development, September 14, 2010

#### **Education**

Brandeis University, Waltham, MA

- Master of Science, Information Technology Management, February 2009
- Bachelor of Arts, Major: Anthropology, Minor: Internet Studies, Dean's List, May 2004