

# Link Swanson resume

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## Career Summary

Experienced full-stack technologist with unique analytical thinking and verbal communication abilities. Human perception, emotion, and cognition are viewed as an integral part of any technology stack. Simplicity and practicality guide user-centered design from well-planned concepts to sustainable implementation.

## Professional Experience

Full-time IT professional working with diverse industries and teams since 2006.

### Systems Architect

**2019 - present**

*Minitex, University of Minnesota Libraries, Minneapolis, MN*

Design systems architecture for production service offerings, including state-wide and nationwide digital library services. Emphasis on automation, DevOps, documentation, sustainability, and reproducibility.

### Systems Engineer & Software Developer

**2016 - 2019**

*Minitex, University of Minnesota Libraries, Minneapolis, MN*

Built and deployed digital service offerings for libraries and researchers nationwide. Application development, user experience, systems engineering, DevOps, business process automation, usability research, and user experience analysis.

## Web Programmer & Linux Server Administrator

**2012 - 2016**

*Minitex, University of Minnesota Libraries, Minneapolis, MN*

Developed web applications and engineered Linux systems. Ported apps from legacy code to Drupal CMS. Performed formal usability studies with UMN Usability Lab, including a study with the Drupal Core usability team testing the new UI features of Drupal 8 before its release. Completed P2V conversion on critical legacy server infrastructure.

## Network Administrator

**2008 - 2012**

*Citi-Cargo & Storage, Eagan, MN*

Developed and implemented business IT strategies for mid-sized transportation companies. Responsible for network, server, and desktop infrastructure. Completed major system upgrades, company mergers, migration, and geographic location changes. Acted as senior web developer.

## Software Training Instructor

**2006 - 2008**

*Woodburn Group, Minneapolis, MN*

Led training classes on how to install, scale, and manage enterprise business intelligence platforms (SAP/Business Objects). Provided private consulting to large corporations. Deployed and maintained customized operating system images on training lab workstations. Acted as senior web developer.

## Computer Lab Administrator

**2004 - 2006**

*Department of Psychology, University of Minnesota, Duluth, MN*

Deployed and maintained operating system images on psychology computer lab workstations. Supported psychology research software used by students and professors.

## Webmaster

**2002 - 2004**

[UMD Libraries](#), University of Minnesota, Duluth, MN

Webmaster for library digital collections websites.

## Publications

**2020** Swanson, Link. "Blockchain Education for Communities" in Hirsh, S., & Alman, S. W. (Eds.). (2020). [Blockchain](#). American Library Association.

## Certifications

**2015** [Acquia Certified Grand Master](#)

**2015** [Acquia Certified Developer](#)

**2015** [Acquia Certified Developer - Back End Specialist](#)

**2015** [Acquia Certified Developer - Front End Specialist](#)

**2015** [Acquia Certified Drupal Site Builder](#)

**2008** Business Objects Certified Professional (BOCP - BOE)

## Presentations

**2018** "Cognitive barriers to blockchain education"  
[Blockchain National Forum](#), San Jose State University, San Jose, CA

**2018** "Strategies for learning blockchain in the library"  
[iSchool](#), San Jose State University, San Jose, CA

**2015** "Views Clues"  
Twin Cities Drupal Camp, Minneapolis, MN

**2015** Breakout Session Leader: DevOps  
DrupalCon North America [Higher-Ed Summit](#), Los Angeles, CA

**2014** "Flag and Rules working together"  
Twin Cities Drupal Camp, Minneapolis, MN

**2013** "Drupal helps you create great web apps, fast!"  
LibTech, Macalester College, Saint Paul, MN

**2011** Interview: "[Enterprising Apps](#)" Twin Cities Business Magazine, September, 2011

## Education

**2020** Ph.D. Cognitive Science, University of Minnesota Twin Cities (expected)

**2019** M.A. Philosophy, University of Minnesota Twin Cities

**2006** B.S. Psychology, University of Minnesota Duluth

**2006** B.A. Philosophy, University of Minnesota Duluth

## Organizational affiliations

[Cognitive Science Society](#) - Student Member

[Center for Cognitive Sciences](#), University of Minnesota - Full Student Member

[Minnesota Center for Philosophy of Science](#) - Graduate Student Fellow