

## **Eric C. Abruzzese**

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## **Technical Skills**

### **Operating System Proficiencies**

Linux (Debian and RPM-based distributions), Mac OS7-OSX, Unix, Solaris, VMWare ESX 3.0-4.1, Windows (all, including server variants).

### **Known Languages & Frameworks**

#### **Java**

*GWT, Grails*

#### **PHP**

*CakePHP, CodeIgniter, Symfony, others*

#### **Python**

#### **Node.js**

#### **Javascript**

*jQuery, MooTools, Prototype, others.*

#### **(X)HTML**

*Haml, ERB, Jade*

#### **C/C++**

#### **Perl**

#### **Ruby**

*Ruby on Rails*

#### **SQL**

*MySQL, MSSQL, PostgreSQL, SQLite, others.*

#### **XML**

#### **CSS**

*Sass, Less, Compass*

### **Certifications**

#### **MCSA**

*Microsoft Certified Systems Administrator*

#### **MCDST**

*Microsoft Certified Desktop Support Technician*

#### **Network+**

*CompTIA*

#### **MCSE**

*Microsoft Certified Systems Engineer*

#### **A+ IT Technician**

*CompTIA*

#### **Security+**

*CompTIA*

### **Education**

**New Horizons Computer Learning Center** February 2008 - Present

*Network Systems & Security Professional Program*

**Central York High School**

*Business, Finance & Information Technologies Academy*

Class of 2008, Early Graduate

**Shippensburg University**

*Computer Science Major*

Class of 2012

## Work Experience

### **Systems Administrator, Developer**

11/2010 - Present

*Keystone Library Network*

- Managed a large number of diverse library systems for a multitude of state institutions, including the State Library of PA, and the State Hospital.
- Installed, configured and maintained systems hosted in the Shippensburg University datacenter to ensure redundancy, fault tolerance, and overall operability.
- Daily tasks included log inspection (and correcting identified problems) and issue management using tools like Bugzilla.
- Modified existing applications to meet the needs of the varying organizations, including multiple open-source projects and in-house solutions.
- Wrote interfaces for existing, closed-source software to make management easier.
- Improved organization workflow by automating tasks in languages like Shell and Perl.

### **Database Administrator, Developer**

02/2006 – Present

*Distributors & Consolidators of America*

- Database entry and maintenance on a small MS Access database containing mission-critical member, customer, and company information.
- Redesigned the database schema for aforementioned database, and ported data to a more flexible database management system (MySQL).
- Redesigned the company website using the Wordpress platform.
- Created a geolocation tool for the company members to be placed on a Google Map on the company website, including a backend for adding, modifying, and removing members.

### **Network Administrator**

10/2006 – Present

*Zion Lutheran Church*

- Redesigned the church network infrastructure to better suit the needs of the organization, including the introduction of Active Directory.
- Administered Active Directory to deploy applications and other group policies to meet users' needs on an individual basis.

### **Developer**

08/2010 – 11/2010

*Shippensburg University*

- Worked on an ongoing modification of an open-source project, called Vufind, to support campus library operations.
- Wrote in Java, PHP, SQL, jQuery, SMARTY, Shell, Perl, and others to make required changes to both the frontend and backend functionality.

### **Helpdesk Technician**

06/2009 – 08/2010

*Shippensburg University*

- Repaired infected, broken, and generally malfunctioning computers for both students and staff.
- Researched and used tools to combat the newest online threats.
- Educated students and staff on internet safety and do-it-yourself repairs.
- Troubleshoot and managed the Network Access Control system for the residential network.