

# Michael Angstadt

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<http://linkedin.com/in/michaelangstadt> • <http://github.com/mangstadt> • <http://mikeangstadt.name>

## ■ SUMMARY

- 10 years of Java programming experience; 3 years of IT technician experience
- Thorough problem solver with fine attention to detail
- Can communicate technical concepts to non-technical people

## ■ SKILLS

**Java:** JUnit, Mockito, Swing, JavaFX, Maven, Gradle, Git, Eclipse

**Web programming:** HTML, CSS, JavaScript, PHP, WordPress plugin development

**IT Technician:** Windows 10, Windows Server, QNAP NAS (Linux), IIS, MySQL, SQL, Clonezilla, Deep Freeze, local group policy, Task Scheduler, command-line scripting

## ■ WORK EXPERIENCE

### Electronic Resources Technician

**Montgomery County-Norristown Public Library (Norristown, PA)**

January 2017 – present

Technologies: Java, JUnit, Mockito, JavaFX, Swing, Git, Gradle, HTML, CSS, JavaScript, PHP, WordPress, Eclipse, Windows 7/10, Windows Server 2008/2019, QNAP NAS (Linux), IIS, MySQL, phpMyAdmin, SQL, Clonezilla, Deep Freeze, local group policy, Task Scheduler, command-line scripting

- Administered public access computers, staff computers, and server infrastructure
- Successfully ordered, configured, and deployed new hardware: 19 desktops, 1 web server, 1 NAS
- Wrote batch scripts to administer public access computers
- Documented computer customizations in fine detail; kept thorough records of all technical issues & solutions
- Communicated with external support services to resolve issues (e.g. Dell ProSupport)
- Administered backup procedures: Windows Server Backup, File History, snapshots, Google Drive, robocopy, rsync
- Continued to maintain Java applications, website, and computer literacy software (see previous role)
- Maintained partial responsibility for Assistant Electronic Resources Librarian duties (see previous role)

### Instructor

**Methacton High School (Eagleville, PA)**

January 2017 – present

- Taught adult night classes on Microsoft Word, PowerPoint, and Excel
- Classes held twice per year, 12-36 hours of instruction per year, up to 14 students per class

### Assistant Electronic Resources Librarian

**Montgomery County-Norristown Public Library (Norristown, PA)**

June 2014 – January 2017

Technologies: Java, JUnit, Mockito, JavaFX, Swing, Git, Gradle, HTML, CSS, JavaScript, PHP, WordPress, Eclipse

- Contributed beyond required job duties to develop Java applications that simplified staff workflows, improved the patron experience, and automated repetitive tasks (see: [mikeangstadt.name/portfolio](http://mikeangstadt.name/portfolio))
- Refactored computer literacy training software into single-page JavaScript application, along with other improvements
- Redesigned and maintained library's WordPress-based website, including creation of WordPress plugins
- Taught classes and developed lesson plans on computer literacy, Microsoft Office, Google Drive
- Coordinated staff and volunteer work schedule
- Handled library patron print fees and student class fees
- Provided technical support to library patrons & resolved patron conflicts/issues

## Software Developer

Siemens Medical (Malvern, PA)

October 2012 – May 2013

Technologies: Java, JUnit, GWT, CSS, ClearCase

- Removed excess whitespace from application UI at customer's request; customer satisfied
- Developed system for logging client-side errors to server to aid in the troubleshooting of client-side issues; gave technical presentation to team
- Researched issue regarding erratic network errors; discovered steps to reproduce & implemented functionality to reduce its occurrence
- Practiced agile development, test-driven development, self-documenting code

## Software Developer

Penn Mutual (Horsham, PA)

June 2011 – September 2012

Technologies: Java, MyBatis, JUnit, Maven, Mule, XML, XSLT

- Updated web services to support company-wide software upgrade by adding Maven support to existing projects, updating ACORD XML web services, adding unit tests, and updating documentation; upgrade was successful
- Added templates to PDF-generation web service and improved unit tests; went live without problems
- Designed web service that consolidated data from multiple web services; completed project on time

## Software Developer

LifeShield Security (Yardley, PA)

December 2010 – May 2011

Technologies: PHP, PHPUnit, Java, Google Analytics Java API, JUnit, Velocity, MyBatis, JDBC, SQL

- Wrote backend Java code to perform maintenance tasks on customer contract data
- Designed PHP web services for creating customer contracts and collecting customer information
- Designed command-line tool that extracted data from Google Analytics; successfully used by team

## Software Developer

MEDecision (Wayne, PA)

August 2009 – June 2010

Technologies: Java, JUnit, PHP, MyBatis, Zend Framework, XML, SOAP, HealthVault

- Added Microsoft HealthVault integration to application; successfully demoed work at multiple healthcare conferences
- Contributed bug fixes to open source HealthVault Java library
- Developed IHE-compliant web service; passed standardization test

Software Developer, JBISoft (Fairfax, VA)

October 2008 – March 2009

Consultant, Platinum Solutions (Reston, VA)

July 2007 – September 2008

Application Developer, Stanley Associates (Martinsburg, WV)

August 2006 – June 2007

## ■ OPEN SOURCE

### Lead Developer

ez-vcard ([github.com/mangstadt/ez-vcard](https://github.com/mangstadt/ez-vcard))

Technologies: Java, Maven, Git, JUnit, Mockito, Eclipse

- General purpose library for reading/writing vCard files
- 3,100 unique Maven Central downloads in April 2020

### Lead Developer

biweekly ([github.com/mangstadt/biweekly](https://github.com/mangstadt/biweekly))

Technologies: Java, Maven, Git, JUnit, Mockito, Eclipse

- General purpose library for reading/writing iCal files
- 6,400 unique Maven Central downloads in April 2020

## ■ EDUCATION

CompTIA A+ Certified

B.S. Computer Science (May 2006)

Shippensburg University (Shippensburg, PA)

- Summa cum laude
- Honors Program
- Study abroad (Leicester, England)