

Michael Angstadt

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github.com/mangstadt

■ SUMMARY

- Experienced Java programmer with ten years of software development experience.
- Passionate about programming in a clear, concise, and maintainable fashion.
- Engaging teacher with outstanding communication skills.

■ WORK EXPERIENCE

Assistant Electronic Resources Librarian / Technician

Montgomery County-Norristown Public Library (Norristown, PA)

June 2014 – present

Technologies: JavaSE, JUnit, JavaFX, Swing, Git, Gradle, HTML, CSS, Javascript, PHP, Eclipse

Windows 7 & 10, Windows Server 2008, Clonezilla, Deep Freeze, local group policy, Task Scheduler, command-line scripting

- Developed client-side Java applications to aid in computer lab operations.
- Helped redesign and maintain library's WordPress-based website, including development of WordPress plugins.
- Taught classes & developed lesson plans on computer literacy, Microsoft Office, Google Drive, WordPress.
- Wrote grants; won several grants for replacement of aging equipment.
- Responsible for maintenance of public/staff computers and server infrastructure (since Jan 2017).
- Ordered, configured, and deployed new computers; extensively documented all work.
- Administered staff and volunteer work schedule.
- Assisted library patrons with technical questions & resolved patron conflicts/issues.

Instructor

Methacton High School (Eagleville, PA)

Feb 2017 – April 2017

- Taught adult classes on Microsoft Office.

Volunteer

Montgomery County-Norristown Public Library (Norristown, PA)

December 2013 – June 2014

- Shelled returned books.
- Contributed to library's Facebook page.
- Provided one-on-one technical support to library patrons.

Software Developer

Siemens Medical (Malvern, PA)

October 2012 – May 2013

Technologies: JavaSE, JavaEE, JUnit, GWT, CSS, ClearCase

- Responsible for maintenance of web-based application used by doctors to record medical information.
- Practiced agile development, test-driven development, and self-documenting code.

Software Developer

Penn Mutual (Horsham, PA)

June 2011 – September 2012

Technologies: JavaSE, JavaEE, MyBatis, JUnit, Maven, Mule, XML, XSLT

- Added Maven support to existing projects.
- Developed services for processing large amounts of XML data.

Software Developer

LifeShield Security (Yardley, PA)

December 2010 – May 2011

Technologies: PHP, PHPUnit, JavaSE, JUnit, Velocity, MyBatis, JDBC, SQL

- Wrote backend Java code to perform maintenance tasks on home security system contract data.
- Made use of MVC and DAO patterns to improve testability of applications.

Software Developer

MEDecision (Wayne, PA)

August 2009 – June 2010

Technologies: JavaSE, JavaEE, JUnit, PHP, MyBatis, Zend Framework, XML, SOAP, HealthVault

- Maintained web-based healthcare software by fixing bugs and adding new features.
- Worked extensively with Microsoft HealthVault platform; successfully demoed work at multiple healthcare conferences.
- Developed web service for IHE medical industry standard; passed standardization test.

Software Developer

JBISoft (Fairfax, VA)

October 2008 – March 2009

Technologies: JavaSE, JavaEE, JUnit, JSP, servlets, Javascript, Dojo, OpenLayers

- Helped maintain software product used to intelligently index information and plot it on map.

Consultant

Platinum Solutions (Reston, VA)

July 2007 – September 2008

Technologies: JavaSE, JavaEE, JSP, SQL, Struts, HTML, CSS, Javascript

- Worked on project for the entire life-cycle, including requirements analysis, development, debugging, documentation, and deployment.

Application Developer

Stanley Associates (Martinsburg, WV)

August 2006 – June 2007

Technologies: Visual Basic 6.0

- Maintained U.S. Coast Guard application that managed fleet and law enforcement information.

■ OPEN SOURCE

ez-vcard (github.com/mangstadt/ez-vcard)

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

- General purpose library for reading/writing vCard files.
- Over 32,000 downloads in the past 12 months.

biweekly (github.com/mangstadt/biweekly)

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

- General purpose library for reading/writing iCalendar files.
- Over 18,700 downloads in the past 12 months.

■ EDUCATION

Certifications

- CompTIA A+ (July 2017)
- Sun Certified Web Component Developer 5.0 (June 2010)
- Sun Certified Java Programmer 6.0 (July 2009)

B.S. Computer Science (May 2006)

Shippensburg University (Shippensburg, PA)

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