KEVIN FLORY

419-234-6200 || flory.twin.2@gmail.com || Waterford, MI
linkedin.com/in/kevin-d-flory/ || github.com/flory-twin

Seeking Development Role. I began my career as a software tester. I fell in love with programming while automating tests—and fell in love with teamwork while helping self-organize volunteer teams at my makerspace and enabling study groups at a local coding bootcamp. Now I'm ready to find a team worth being part of.

EDUCATION

Grand Circus Java Programming Bootcamp | Detroit, MI   Oct 2019-Dec 2019
Full stack Java with Spring/JSP/JS/HTML. Highlights include regular coursework capstones,
    extensive pair programming work, and creating/running group and individual tutorial sessions.

The University of Toledo | Toledo, OH   Fall 2004-Spring 2009
Bachelor of Science, Computer Science & Engineering

SKILLS & TECHNOLOGIES

Scripting/Programming	Java (mostly 8); Groovy, C#
Web/Webservice	Spring/Spring Boot; JavaScript, JSON, HTML, XML with XPath; SoapUI, Postman; Selenium Webdriver and IDE; experience with REST and SOAP services
Team Skills	Professional and volunteer experience forming consensus-based teams, mentoring/tutoring, and peering to solve problems. Preference for paired programming and Agile team models.
Database	SQL (MySQL, MS SQL Server)
Version Control	Git via BASH and others; BitBucket, GitHub
Documentation/Lifecycle	MS Office, LibreOffice, MediaWiki, Confluence; Jira, TFS, OTRS
Test Automation	JUnit 3+, NUnit, some use of mocks
Editors, IDEs	Eclipse, Visual Studio; Notepad++; XMLSpy and OxygenXML; VIM

EXPERIENCE

Brooksource *for* **Gale Cengage** | Farmington Hills, MI   Mar 2020-Jan 2021
Content Engineering Analyst (lead, Carolyn Swift-Muschott, Director of Content Engineering

- Built and refined specifications for mapping fielded data, HTML, and XML to a standard, schema-controlled XML format (GIFT, commonly used in the OMNI display platform for Gale-branded products)
- Worked on projects such as the Questia-to-MindTap book conversion project, which moved Questia content into the GIFT format, then made it linkable from MindTap
- Formed a two-person team with our sole data architect; our internal workflow followed a less formalized Agile process—daily standups, final spec review, pairing as necessary. Used Jira for some but not all task/project management.
- Worked with product teams upstream and technical teams downstream; limited (monitoring) participation in development-team ceremonies

United Wholesale Mortgage | Pontiac, MI   Mar 2019-Aug 2019
QA Analyst II

- Wrote parsing utilities and Selenium Webdriver POM libraries in C# (.NET standard), reworking standard "straight HTML" methods to operate on Salesforce-generated JavaScript
- Prototyped PDF parsing utility.
- Performed manual testing and basic test management in Agile-lite environment.
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Quicken Loans | Detroit, MI   Nov 2017-Jul 2018
Software QA Engineer

- Tested RESTful webservices supporting the Hyland document management system.
- Created service-spanning regression test and smaller functional tests using C# and the Microsoft Unit Testing Framework in Visual Studio 2017
- Created manual tests with Postman and Splunk.
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Open Dealer Exchange | Southfield, MI   Apr 2011-Sept 2017
Quality Assurance Analyst

- Tested high-traffic webservices moving consumer credit history and loan contracts between credit bureaus, automobile dealerships, and major lenders nationwide
- Planned, created and ran all regression tests for a complete rewrite of our credit webservices
- Used SoapUI to test SOAP and REST webservices in a scripted, reproducible fashion; extended SoapUI with Groovy scripts and Java library
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Authentic Response (now Critical Mix) | Perrysburg, OH   Jul 2009-Jul 2010
Quality Assurance Analyst

- Sole tester for merchandise redemption website, database, and associated scripts
- Used Microsoft SQL Server Management Studio for testing record correctness
- Prototyped build integration/test automation with Jenkins (then Hudson), JUnit, and Ant

PUBLIC PORTFOLIO

TEAM PROGRAMMING

- Paired with Grand Circus teammates to build a Spring webapp to ease searches with keyword extraction and synonym suggestions. *Please note that application has known issues— preserved for historical purposes. Walkthrough available on request.*
   http://bestgift.us-east-2.elasticbeanstalk.com/, https://github.com/flory-twin/GrandCircus-FinalProject-BestGift

UNIT TESTING

- Contributed unit tests for the code which runs the Arduino-based thermostat at i3 Detroit .
   https://github.com/i3detroit/custom-mqtt-programs/tree/thermostat-testing/thermostat

VOLUNTEER EXPERIENCE

I3 Detroit | Ferndale, MI   Nov 2012-Present
Zone Coordinator (later Co-Coordinator), Craft Room

- Joint manager of the sewing/arts work area at my makerspace; responsible for responsive user training and stocking, and interfacing with Board of Directors and officers