Alyssa Bartuch | Software Engineer

Code Enthusiast. Avid Learner. Bug Catcher.

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Location: Crystal Lake, IL

EMPLOYER

Olenick <Senior IT Consultant> : June 2015 – Present

EXPERIENCE

Exelon ISUM Enhancements={ Test Engineer }

[June 2020 – Present] **Contractor** || 100% Remote

<< Working on UAT testing for Exelon ISUM software for the PHI division. Responsible for evaluating upcoming software features and enhancements, and creating **ADO** test suites to accommodate frontend, mobile, Google Analytics and accessibility testing. Also responsible for production release testing and business validation efforts.

SDET Training Curriculum ={ Team Lead }

[April 2020 – Present] || Chicago, IL

<< Worked on an internal project for my vendor creating training curriculum. Led the team responsible for creating the CI/CD training and compiled some 50 pages of documentation, exercises, assessment questions, and other intellectual property. Subjects covered include **Jenkins**, **Docke**r, Kubernetes, **Azure DevOps**, pipelines, data visualization and more. Wrote a blog post detailing the implementation of **Jest** and **Enzyme** for testing **React** applications.

Hyatt Hotel Corporation ={ Lead Automation Engineer }

[July 2019 – March 2020] **Contractor** || Chicago, IL

<< Software Development Engineer in Test, responsible for creating automation testing suite for a **Java** backend service and an accompanying **React** frontend. Used custom framework built with **Spock** and **Groovy** to create frontend and backend regression suites. Frontend testing is achieved with **Selenium WebDriver** and **Geb** library. Project built with **Gradle** and is hooked into a **Jenkins** pipeline - configured via **Jenkins DSL**.

.Net Frontend Enhancements ={ Software Engineer }

[November 2018 – February 2019] || Chicago, IL

>> Developed several new **ASP.NET MVC** pages to streamline the process of drafting Advisory alert emails to clients. Added buttons to existing web and email functionality linking to a web form with several fields. Engineered a new flow: drafting the alert, sending a request to Advisory managers for approval, the manager to review and response, and sending the finalized alert to a client. Also created an additional page with a table organizing alert drafts with information such as creation date and status, each of which link to that alert draft view.

PORTFOLIO

alyssabartuch.com

EDUCATION

Central Michigan University [2010-2015]

Bachelor of Science - Information Technology

Minor: Information Systems; ERP Specialization

SKILLS & EXPERTISE

LANGUAGES & DATABASES

- ⇨ JavaScript (ES6-ES10)
- ⇨ HTML5
- ⇨ CSS3
- ⇨ SQL
- ⇨ Java
- ⇨ C#

FRAMEWORKS & LIBRARIES

- ⇨ .Net MVC
- ⇨ Node.js
- ⇨ React
- ⇨ Angular
- ⇨ TypeScript

TOOLS & TECHNOLOGIES

- ⇨ Git
- ⇨ Jenkins (CI/CD)
- ⇨ Postman
- ⇨ Splunk
- ⇨ JIRA
- ⇨ Node Package Manager (NPM)
- ⇨ Microsoft SQL Server
- ⇨ Adobe Design Suite

OTHER SKILLS & EXPERIENCE

- ⇨ Web Application Development
- ⇨ Agile Development
- ⇨ Automation Testing
- ⇨ Unit Testing

Angular Frontend Enhancements ={Software Engineer}
[November 2018 – July 2019] || Chicago, IL

<< Worked on Olenick Advisory application built in **Angular** with **ASP.NET** API endpoints on the backend. Primary goal of this app is to monitor pertinent tech publications for potentially useful updates or issues depending on the technology stack a client uses or would like advisories for. Uncoupled several chained components by implementing several custom services.

Ciox Health – External Auditing ={Database Engineer}
[January 2016 – June 2019] **Contractor ||** Alpharetta, GA (100% Remote)

>> Responsible for normalizing data from external clients and keeping track of data load timelines throughout the month. Made the correct table preparations in **SQL Server** to facilitate the automatic kick-off of a data loader to move data into third-party compliance review software.

VectorMarks Frontend Enhancements ={Software Engineer}
[July 2015 – October 2015] **Contractor ||** Chicago, IL

<< Worked a short-term project on a small team of developers to roll out enhancements for a project management application. The app's v2 was released after developing new report pages, as well as adding enhancements, new features, and styling fixes to the app. Technologies used on the frontend include **HTML/HAML**, **CSS**, and **JavaScript**

ILAO Frontend Automation Suite ={Lead Automation Engineer}
[July 2015 – October 2015] **Contractor ||** Chicago, IL

<< Worked with the client to assess a suite of manual test cases and determine those which were eligible for automated testing scripts. Utilized Behat behavior-driven development (BDD) framework to automate test cases for regression suite. Technologies used in automation suite include **Behat framework**, which incorporates **Selenium WebDriver**, **Gherkin** and **PHP** scripting for custom behaviors.

Museum of Science and Industry ={Test Engineer}
[October 2015 – December 2015] **Contractor ||** Chicago, IL

<< Aided another test engineer on a small project testing MSI's ticketing system. Created test cases used to evaluate new enhancements for a SmartVisit ticketing system and executed hands on tests for their ticketing kiosks. Executed tests manually on kiosks and documented defects accordingly to track outcome of all test cases and defects found.

PERSONAL DEVELOPMENT

<< Project Showcase >>

See Portfolio Site

<< Completed Courses >>
The Complete Web Developer in 2020: Zero to Mastery
[Udemy Learning] Completed: May 2020

The Modern JavaScript Bootcamp (2018)
[Udemy Learning] Completed: November 2018

User Experience for Web Designers
[LinkedIn Learning] Completed: March 2018

Programming Foundations: Fundamentals
[LinkedIn Learning] Completed: March 2018

<< Collegiate Activities & Societies >>

→ **Dow Chemical SAP Award of Excellence** (Spring 2015)

→ **Alpha Gamma Delta Alpha Upsilon** (2012 - 2015)
Vice President of Operations (2014)

→ **Leadership Safari 2014 – Central Michigan** (Aug 2014) - Guide

→ **SAP Student User's Group – Central Michigan** (2014 - 2015)

ERP Simulation Competition – Central Michigan (Feb 2015) - Team Lead *Corporate Mentor: Rockwell Collins*