# Alyssa Bartuch | **Software Engineer**

`Code Enthusiast. Avid Learner. Bug Catcher.`

**Olenick** <Senior IT Consultant> : June 2015 – Present

**Email:** alyssabartuch@gmail.com
**Phone:** 847-845-1374
**GitHub:** https://github.com/alyssabartuch

https://www.linkedin.com/in/alyssabartuch/

## EXPERIENCE

### Hyatt Hotel Corporation =`{ Automation Engineer }`

[ July 2019 – Present ] **Contractor** ‖ Chicago, IL

<< Software Development Engineer in Test, responsible for creating an automation testing suite for a `Java` backend service and an accompanying `React` frontend. Using an in-house framework built with the `Spock` framework using `Groovy` language 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`.

>> Responsibilities include creation, execution and maintenance of a frontend and backend test suite along with several other small isolated testing efforts. I work as part of a cross line-of-business team of automation engineers, which means I take part in code PR as well as working with others on dependencies. I help with manual testing, exploratory work for future testing efforts, and reviewing dev team `React` PR's when needed.

### Olenick Advisory Project =`{ Software Engineer }`

[ November 2018 – July 2019 ] ‖ Chicago, IL

<< Worked on the Olenick Advisory application built in `Angular` with `ASP.NET` on the backend. The primary goal of this application 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. 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 including: email subject, summernote text editor (js library) for email body, recipient, etc. Engineered the 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.

### Ciox Health – External Auditing =`{ Database Admin }`

[ January 2016 – June 2019 ] **Contractor** ‖ Alpharetta, GA (100% Remote)

<< Database Administrator for a HIM client team that provides ICD-10 CQRE (coding quality review and education) services to external clients. This client uses CodeIQ, third party compliance review software that runs over a `SQL` database in the background, to carry out auditing operations and reporting.

>> 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 once the data file is moved to the file path designated in table preparations.

### VectorMarks =`{ 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. Our team took over VectorMarks, an early-stage enterprise project

## EDUCATION

### Central Michigan University

[ 2010 - 2015 ]

**Bachelors of Science - Information Technology**

**Minor:** Information Systems; ERP Specialization

## SKILLS & EXPERTISE

* Enterprise Experience

### LANGUAGES & DATABASES

- → JavaScript (ES6) *
- → HTML5 *
- → CSS3 *
- → SQL *
- → Java *
- → Groovy (JVM) *
- → C# *

### FRAMEWORKS & LIBRARIES

- → Geb *
- → Spock *
- → Selenium WebDriver *
- → .Net MVC *
- → React
- → Angular *
- → RxJS *
- → TypeScript *
- → Bootstrap *
- → jQuery *
- → Angular Material UI
- → SASS / SCSS *

### TOOLS & OPERATING SYSTEMS

- → Jenkins *
- → Postman *
- → Splunk *
- → Swagger *
- → Git *
- → JIRA *
- → Confluence *
- → Node Package Manager (NPM) *
- → Gradle *
- → Android OS

management solution. The app's v2 was released after developing new report pages, as well as adding enhancements, new features, and styling fixes to the app.

>> Communicated with key stakeholders to establish direction for software enhancements, developed front-end styling using **HTML**, **CSS**, and **HAML**, formatted PDFs generated by the application, and edited the established **HAML** file for Mobile formatting.

## Illinois Legal Aid Online = { Automation Engineer }

**[ July 2015 – October 2015 ] Contractor ‖ Chicago, IL**

<< Wrote automation testing using the **Behat framework**, which incorporates **Selenium WebDriver**, **Gherkin** and **PHP** scripting. This was a short-term project with a set of test cases to be automated – I translated these test cases into automated scripts testing a drupal website.

>> Worked with the client to assess a suite of manual test cases and determine those which were eligible for automated testing scripts. Refined documentation educating users on the process to stand up a testing environment on both OSX and PC. Utilized Behat behavior-driven development (BDD) framework to automate test cases to be used in client regression-testing suite.

## 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.

>> Worked with key stakeholders to understand requirements of testing effort and priority of each new feature. Executed tests manually on kiosks and documented defects accordingly using Microsoft Excel to track outcome of all test cases and defects found

## CMU Help Desk = { Tech Support Analyst }

**[ May 2014 – May 2015 ] ‖ Mount Pleasant, MI**

<< Answered 1,500+ calls and worked on a team that served a student and faculty/staff network of over 30,000 users. Provided general information, campus systems support, network registration, connection, and configuration assistance, scantron test grading, and sale of licensed software and equipment.

>> Trusted with access to critical systems including test, stage, and prod servers in SAP, access to sensitive user information via multiple databases, and access to blackboard as a systems administrative user.

## Cloudbakers = { Intern Web Developer }

**[ December 2014 – January 2015 ] ‖ Chicago, IL**

<< Winter Break internship spent building a tool allowing a marketing end user to take data from Mail Chimp down into a Google spreadsheet for future analysis upon which they could push potential leads into Zoho CRM. Lastly the script generated and sent an email to a sales user, which contained contact information for leads who wished to be contacted by the sales team.

>> Refined skills working with API's, project management, requirements gathering, and the SDLC.

## Littelfuse Inc. = { Intern SAP Developer }

**[ May 2013 – August 2013 ] ‖ Chicago, IL**

<< Developed transactions within SAP to aid audit compliance and converted 200+ reporting queries to the latest updated version of bEx for Business Warehouse.

>> Gained experience with development methodologies in SAP and Business Warehouse. Interacted with a global team of key stakeholders to develop business communication skills.

→ Apple OS X *
→ VSCode *
→ Visual Studio *
→ IntelliJ *
→ Stash *
→ Atom Editor
→ Trello
→ Microsoft SQL Server
→ Microsoft Office Suite *
→ Adobe Illustrator
→ Adobe Photoshop
→ Adobe Dreamweaver
→ Adobe InDesign

## OTHER SKILLS & EXPERIENCE

→ Web Application Development *
→ User Interface & User Experience Design
→ Model-View-Controller (MVC) *
→ Agile SCRUM *
→ API Testing *

## 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)

  *New Guide*; Volunteer hours: +80

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

→ **ERP Simulation Competition – Central Michigan** (Feb 2015)

  *Team Leader*; Corporate Mentor: Rockwell Collins

## PERSONAL DEVELOPMENT

### << Hosted Projects >>

**ES6:**
https://bartuch-todo.netlify.com/
https://bartuch-notes.netlify.com/

**React:**
https://yarn-shop.netlify.com/

### << Completed Courses >>

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

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

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