ERIK SHIVELY

CONTACT

CELL: 618-579-7030   **WEBSITE**: erikshively.dev
EMAIL: contact@erikshively.dev   **GITHUB:** https://github.com/erikshively

EDUCATION

Missouri University of Science and Technology   **Rolla, Missouri**
B.S. Computer Science   **08/2015 – 08/2020**

PROFESSIONAL EXPERIENCE

QA Automation Developer: **Envision/Panera Bread**   **02/2022 – Present**
 * Develops code in a team of three with Java, Selenium and Cucumber to automate regression test cases in SAFe/Jira
 * Facilitates CI/CD for UI developers by maintaining QA automation scripts in Jenkins
 * Resolves merge conflicts for new pushes and reviews pull requests with Git
 * Engages in knowledge transfer between seven other automation developers across five UI platforms
 Achievements:
   * Optimized automated regression performance by 10% by using functional programming
   * Implemented REST API calls in automation framework to fully automate 15 test cases

Skills Used:	Java	Selenium	Cucumber	Git	Jira

QA Analyst: **Envision/Panera Bread**   **09/2021 – Present**
 * Validates new features for requirements and ADA compliance with one other manual tester in SAFe/Jira
 * Coordinates testing needs between multiple teams to perform end-to-end validation across five UI platforms
 * Compiles and executes targeted regression cycles with 100 – 200 cases for ADA compliance and expected functionality
 * Documents and communicates defects to developers, product owners and project managers
 * Validates REST API calls to validate communication between web UI and services
 * Communicates testing procedures and delegates non-testers to assist with validating releases
 Achievements:
   * Optimized regression testing process from over 400 test cases per iteration to 100 – 200

Skills Used:	NVDA	Zephyr	Jira

Caller: **Miner Phonathon**   **10/2016 – 05/2017**
 * Established connections with MST alumni and provided opportunities to participate in charitable giving events

PROJECTS   github.com/erikshively

Portfolio Website erikshively.dev:
 * Consolidated contact information, projects and a short bio into a website developed in ReactJS, HTML, CSS
Static Bot:
 * Created a Discord bot in JavaScript to create recruitment posts for MMO raid groups and stores them using MongoDB
 * Streamlined user experience by adding an interactive UI by using discord.js component interactions
Godot FPS:
 * Built a playable demo in Godot and C# that allows the user to walk and look around in first-person
 * Developed algorithms that handle acceleration, impulse and collision in order to simulate player physics
PyLSB:
 * Implemented the Least Significant Bit steganography algorithm to hide data in images using Python and SciKit Image
PyVodParser:
 * Utilized machine learning algorithms to scrape information from video game footage using Python and SciKit Image
 * Constructed a tool that allows users to save, import and export trained models for different games
Py1R:
 * Implemented the One Rule machine learning algorithm in Python with a similar interface to Sci Kit

TECHNICAL SKILLS

Languages: Java, Python, C++, C#, CSS, HTML, Javascript, SQL
Frameworks: Selenium
Developer Tools: Git, Visual Studio Code, IntelliJ, Linux, Bash
Workflow Tools: Jira, Zephyr