Riyád Khan

+1-226-899-1220

Mechatronics Engineering • github.com/rr3khan • personal site: bit.ly/rr3khan • rr3khan@uwaterloo.ca

Skills Summary

- Tech: **HTML, CSS, Javascript, React, Bootstrap, Python (Pandas, Beautifulsoup, Matplotlib), SQL(SQLite), MATLAB, Git.**
- Tools: **REST APIs, Jira, Adobe Lightroom, Gimp, Blender, Canva, Adobe XD**.

Work Experience

Quality Specialist Remote Co-op / Economical Insurance group   **May – Aug 2020**

- Automated the retrieval of test results from the Zephyr for **Jira API** and organization of test results into excel spreadsheets with **Python**.2
- Increased testing suite coverage by creating and running automated tests using **Selenium**.
- Utilized **SQL** queries to extract, transform and load data from **MySQL** databases.
- Expanded **Confluence** knowledge base with technical documentation detailing test procedures.

Web Designer Remote Co-op / Communitech DMS Future proof   **Jan – Mar 2021**

- Supported the transition of small businesses impacted by COVID to online. Collaborated in a cross-functional team of marketers and designers to develop and implement deliverables.
- Designed web page mockups, logos and graphic icons using **Adobe XD**.
- Developed and optimized web sites on **Shopify**, **Squarespace**, **WordPress** and **Wix**.
- Provided direct support to assist business owners troubleshoot and overcome technical issues.
- Crafted web tutorials and recommendations to aid clients maintain and grow their website.
- Conducted web audits evaluating websites based on **visual appeal**, **easy of navigation**, **search engine optimization**, **mobile compatibility** and **responsiveness**, **accessibility**, and **analytics**.
- Enhanced data validation of Wix forms using **Javascript** and **regular expressions**.
- Crafted infographic slideshows and brand guideline documents using **Canva**.
- Moved Descendants Beer and Beverage's site and domain from **Sociavore** to **Shopify**.

Projects

- **React** Scheduling Tool: Created a **React** interface to display, search, and sort data records.
- **Shopify's Data Science** Challenge: Analyzed sales data with **Pandas** and **SQL** queries.
- Web scraped data entries from the website myanimelist using **Python's Beautifulsoup** library then created an anime recommender using **Python's sklearn** library.
- Implemented simple machine learning algorithms (**Linear Regression and Support Vector Machines**) to analyze and predict the performance of Bitcoin.
- Analyzed the **accessibility** of different **CAPTCHA** systems for a work term report.
- Collaborated with a virtual team on a consulting research project for Sunshine Coast Credit Union on the future of Canadian credit union systems.

Certifications / freecodecamp.org

- Certified in **Responsive Web Design** and **JavaScript Algorithms** and **Data Structures**.
- Each course represents approximately **300 hours** of coding.