



TYLER PHAM

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Skills

Languages: JavaScript, Python, HTML/CSS, TypeScript, Dart, SQL
Frameworks/Tools: Cypress.io, React, WebdriverIO, Salesforce Commerce Cloud, Gatsby.js, Cucumber.io, Flutter, Node.js, GraphQL, Docker, Git, Jira, AWS, Confluence

Experience

Aritzia

QA Automation Engineer

Feb '22 - Present

- Maintaining a WebdriverIO suite of end-to-end tests for regression testing
- Documenting test cases in TestRail to be used database for other team members to reference and use in test plan creation
- Mentoring junior colleagues in test automation and effective debugging
- Providing support for customers and resolving account and order related issues
- Collaborating with cross-functional teams to create and execute test plans for large corporate initiatives

Rival Technologies

Jr. QA Engineer

Jan '20 - Feb '22

- Developed and maintained a Cypress.io suite of end to end tests that reduced manual testing from roughly 1 hour to an automated 10 minutes
- Designed and build a web scraper with Cypress.io to detect questions asked by the companies' proprietary chatbot and generates an appropriate response to be sent through the UI
- Communicated with the project management, UX team, and developers to ensure product quality was met
- Devised test plans for manual and automated testing for new features
- Enforced WCAG2.0AA requirements by performing manual audits and introducing automated validation
- Coordinated high-level test strategy meetings with developers to outline the overall test plan for a project
- Supported DevOps investigate production bugs impacting end-users

Generac Power Systems (formerly Neurio Technology Inc.)

Software Developer in Test Co-op

Sept '17 - May '18

- Analysed time-series data from home energy monitoring sensor to determine optimal cost-saving strategies
- Built a Python testing infrastructure to simulate the residential electricity usage of 200 houses over AWS and validated different energy-saving strategies
- Deployed an AWS microservice to run daily to convert protobuf data stored on S3 of over 4000 devices to HDF5 which is more effectively used in the rest of the systems

Advanced Cyclotron Systems Inc.

Control System Specialist

June '12 - Mar '14

- Programmed the control system in RSLogix 5000 for particle accelerators to different customer specifications
- Designed the HMI in RSView32 and Factorytalk View to allow operators to run automated functions or manually control different components of the machinery

Education

Simon Fraser University

Bachelor of Science in Computer Science

Sept '14 - Aug '19

British Columbia Institute of Technology

Diploma of Technology in Mechatronics and Robotics

Sept '10 - May '12