TYLER PHAM

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Skills

Languages: JavaScript, Python, HTML/CSS, TypeScript, Dart, SQL
Technologies: Cypress.io, React, Gatsby.js, Cucumber.io, Flutter, GraphQL

Experience

Rival Technologies
Jr. QA Engineer   Jan '20 - Present
- Developing and maintaining a Cypress.io suite of end to end tests that reduced manual testing from roughly 1 hour to an automated 10 minutes
- Communicating with the project management, UX team, and developers to ensure product quality was met
- Devising test plans for manual and automated testing for new features
- Enforcing WCAG2.0AA requirements by performing manual audits and introducing automated validation
- Coordinating high-level test strategy meetings with developers to outline the overall test plan for a project
- Supporting DevOps investigate production bugs impacting end-users

Generac Power Systems (formerly Neurio Technology Inc.)
Software Developer in Test Co-op   Sept '17 - May '18
- Analyzed 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   Dec '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
- Travelled to Japan and USA to install control systems, work with customers and assist with knowledge transfer

Education

Simon Fraser University   Graduated 2019
Bachelor of Science in Computer Science

British Columbia Institute of Technology   Graduated May 2012
Diploma of Technology in Mechatronics and robotics

Projects

Logan Misses You
Built a Flutter application that allows for image manipulation with a template

Spotify Autoplaylist
Worked on a team to create a custom Spotify web player with React, Expres, and Spotify SDK to allow users to tag songs, link them together, and generate playlists