Gregory Campbell

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PROFILE:

A highly motivated and team focused software developer seeking an exciting and challenging role in a Software Development organization creating solutions utilizing technical, analytical and interpersonal skills.

EDUCATION

Bachelor of Computing, Computer Science (Co-op)

University of Guelph – Guelph, Ontario   Completed April 2017

WORK EXPERIENCE:

Software Developer,

Clear Blue Technologies – North York, Ontario   Aug 2017 - Present

- Adding features and fixing issues with various controllers using the functional programming language Elixir.
- Built multiple varieties of automated black box testing devices and accompanying infrastructure with the controller, a raspberry pi, a programmable power supply and elixir code from scratch.
- Developed automated black box front end testing infrastructure of the company web service across Chrome, Firefox and Safari using the node.js automation tool "Testcafe".

Software Test Specialist,

IBM (Appscan Source team) – Markham, Ontario   Jun 2014 - Aug 2016

- Created a test tool in HTML and Javascript with API usage for developers to more efficiently test builds using subsets of smoke tests.
- Multiple presentations to stakeholders, architects and developers on security vulnerabilities, demoed security programs.
- Integrated Juliet test suite into the Appscan Source test automation system using Java.
- Developed, debugged, executed and maintained bash testing scripts.

TECHNICAL SKILLS:

- Programming Languages: Elixir, C, C#, Java, Python, Fortran, Ada, Cobol
- Web Design and Coding: HTML, Javascript, ReactJs, CSS, Node.js, JQuery
- Software Environments: Windows, Mac, Linux, Unity, Godot, VirtualBox, Terminal/Console
- Various automation tools such as Bash, Testcafe, ExUnit, Jenkins, GItlab CI and Python scripting
- Knowledge and experience with computer security, security vulnerabilities and security testing
- Object Oriented Programming in Java and Python as well as functional programming in Elixir
- Well versed in application design, development and testing within an agile development cycle
- Expertise using SVN such as Github, Gitlab and Bitbucket within team and solo projects