

# Gregory Campbell

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## **PROFILE:**

Highly motivated and team-focused software developer with 4+ years of experience developing code and creating test environments and infrastructure.

## **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