Joshua Grant

Education

2007-2009 — **MSc - Applied Mathematics**, *The University of Western Ontario*, London, Ontario.
Research area: Mathematical Biology

2003-2007 — **BSc - Mathematics**, *Trent University*, Peterborough, Ontario.
Dean's Honour List, 2003-2007

Experience

October 2010–Present — **Test Developer**, *CaseWare International*, Toronto, Ontario.
I am an automated tester for the CaseWare Time product. I write and maintained automated regression and acceptance tests, emphasizing maintainability in my test code. Currently, I write Java-based Selenium tests for Time on the Go, Time's web-based version, and am exploring ways to make functional and user acceptance tests faster and less UI-dependent.

August 2009–August 2010 — **Research Associate**, *Cerebral Diagnostics Canada, Inc*, Toronto, Ontario.
I was a scientific and technical researcher working for this small biotechnology star-up. We focused on several projects, including developing in-house software for research in EEG (Electroencephalography) and conducting EEG-based studies in pain research.

2007–2009 — **Teaching Assistant**, *The University of Western Ontario*, London, Ontario.
I lead tutorials and drop-in help sessions for students, graded tests and assignments and held regular office hours for additional student help.

Summer 2006 — **Research Assistant, Department of Mathematics**, *Trent University*, Peterborough, Ontario.
I designed and developed a database of corporate ownership based on SEC filings using Perl and CGI.

2005–2006 — **Teaching Assistant**, *Trent University*, Peterborough, Ontario.
I assisted students in a lab-based physics for education students course. Mainly, my goal was help them understand the physical concepts and gain an appreciation for physics.

What I'm Looking For:

- Test opportunities involving coding and automation techniques
- Opportunities to undertake test work at all levels of development, from unit testing to large-scale automation
- Organizations with a good test culture
- Possible challenges with quantitative or mathematical focus
- Roles to encourage testers and developers working together
- Any role that allows me to improve and expand my programming knowledge, with new or familiar languages and tools

Tools I've Used

- Languages - Java, 4Test (SilkTest language), Python
- Tools - Eclipse, Git VCS including Git Extensions, Atlassian Jira and Stash, Visual Studio
- Test Tools - Page Object Design Patterns, SilkTest (Classic and Open agents), Selenium WebDriver in both Java and Python bindings, pytest, TestNG

Interests

Linux	Making the most out of my operating system. If only more things were text-based.
Cooking	It's really just the love of food. My favourite dishes I've prepared include salt-block seared tuna and pulled pork.
Doing Stuff Online	Testing is great, along with other things digital. My blog is Simply the Test (simply-thetest.tumblr.com)

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