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

November 2016–March 2017	**Trading Analyst**, *MediaNet*, Toronto, Ontario. I was responsible for campaign optimization and peformance, actively looking for optimizations based on data-driven and market-driven approaches. I also implemented some tooling and automation around processes within the advertisting operations team.
December 2015–Ongoing	**Contributing Author**, *Techwell Publications*, Toronto, Ontario. I've written two articles as a paid contributor to Sticky Minds, a software testing publication. My latest article was "What Software Testers Need to Know about Automation", published TechWell's StickyMinds publication in November 2016.
April 2014	**Webinar Contributor**, *SmartBear Software*, Toronto, Ontario. I gave a webinar entitled "Automated Test Design: Single Use vs Reusable Tests" sponsored by SmartBear. This webinar discussed some differences between one-time use automated tools versus tools used often, focusing on design and maintainability.
October 2010–October 2016	**Test Developer**, *CaseWare International*, Toronto, Ontario. I wrote and maintained automated regression and acceptance tests in both Java and JavaScript (NodeJS), emphasizing maintainability in my test code. I also took an active interest in process automation involving continuous integration services and version control.
August 2009–August 2010	**Research Associate**, *Cerebral Diagnostics Canada, Inc*, Toronto, Ontario. I was a scientific and technical researcher working for this small biotechnology start-up. We focused on several projects, including developing in-house software for research in EEG (Electroencephalography) and conducting EEG-based studies in pain research.
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. This was also my first introduction to using regular expressions which I made heavy use of in this project.

What I'm Looking For:

- Opportunities involving working on development-facing tooling and automation
- Client-side test development, including end-to-end automation with Selenium and related tools
- Server-side test development, including API and performance testing
- Data-driven roles and teams making use of modern software methodologies
- Roles encouraging collaboration between teams
- Roles providing opportunities to improve and expand my programming knowledge, with new or familiar languages and tools

Tools I've Used

○ Languages - Java, Python, JavaScript with NodeJS
○ IDEs - Eclipse, WebStorm, Visual Studio and VS Code
○ Version Control - Git with Bitbucket, Bitbucket Server and GitHub and a strong interest in working with other systems (SVN, Hg)
○ Automation Tooling - Jenkins CI, TravisCI, TestNG, pytest, bash scripting

Interests

Cooking and Dining Out
This is really my love of food. Toronto is a great food city and I like to make the most of that.

Open Source
I like seeing what people can create. I've particiated in existing open source projects (www.proselint.com) and created my own (https://github.com/joshmgrant/corsica)

Writing
I've always enjoyed writing, both professionally or otherwise. My blog is called Simply the Test (simplythetest.tumblr.com)

References

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