Joshua Grant

Education

2007-2009   **MSc - Applied Mathematics**, *Western University*, 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 advertising 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 Smart-Bear. 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:

○ Remote and co-located positions
○ Server-side development, including API development and maintenance
○ Data-driven roles and teams making use of modern software methodologies
○ Opportunities involving working on developer-side automation and tooling
○ 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)
- Development Tooling - Jenkins CI, TravisCI, bash scripting, JIRA and Confluence

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)
Podcasts	Podcasting is the new blogging. Some that I've listened to include This American Life, AB Testing, and Track Changes, the *official* podcast of Postlight.com

References

Victor Amorim	**Vice President**, *Account Strategy and Activation*, MediaNet, (647) 338-5908. victor.amorim@medianet.com
Brendan Looker	**Team Lead, Web**, *Test Developmet*, CaseWare International, (416) 867-9504 x1184. brendan.looker@caseware.com
Dr Lindi Wahl	**Professor**, *Department of Applied Mathematics*, The University of Western Ontario, (519) 661-2111 ext 88795. lwahl@uwo.ca
Dr Geoff Wild	**Professor**, *Department of Applied Mathematics*, The University of Western Ontario, (519) 661-2111 ext 88784. gwild@uwo.ca