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 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:

- Opportunities involving working on development-facing tooling and automation
- Roles working with building and automating software infrastructure
- 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
- Database Tooling - MS SQL Server, MySQL
- Automation Tooling - Jenkins CI, TravisCI, TestNG, pytest, bash scripting
- Cloud Services - Google Cloud Platform (App Engine, Logging and API)

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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