
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 performance, 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
- 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

- o Languages - Java, Python, JavaScript with NodeJS
- o IDEs - Eclipse, WebStorm, Visual Studio and VS Code
- o Version Control - Git with Bitbucket, Bitbucket Server and GitHub and a strong interest in working with other systems (SVN, Hg)
- o 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 participated 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

- Victor Amorim **Vice President**, *Account Strategy and Activation*, MediaNet, (647) 338-5908.
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- Brendan Looker **Team Lead, Web**, *Test Development*, CaseWare International, (416) 867-9504 x1184.
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- Dr Lindi Wahl **Professor**, *Department of Applied Mathematics*, The University of Western Ontario, (519) 661-2111 ext 88795.
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- Dr Geoff Wild **Professor**, *Department of Applied Mathematics*, The University of Western Ontario, (519) 661-2111 ext 88784.
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