

GRANT BAKKER

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Permanent Address:
1320 Third Street
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Skills

- Fluent in C, C++, C#, Java, Javascript
- Fluent in Perl, Python, Bash and Batch scripting
- Familiar with Windows and Linux environments

Work Experience

- Software Developer, **Arista Networks Inc.**
January 2014-April 2014, Santa Clara, California
 - Improved and developed new features for power controllers used in high performance switches
 - Added a range of tests and simulations for new features and existing code
 - Gained experience with attribute-oriented programming and test driven development
- Software Developer, **Magnet Forensics Inc.**
May 2013-August 2013, Waterloo, Ontario
 - Developed new forensic features in C# as part of a dynamic startup team
 - Created new server product from scratch in Javascript using node.js
 - Gained experience with asynchronous, event-driven programming
 - Updated and contributed to open source AMQP library
- Software Display Driver Developer, **AMD Inc.**
Sept 2012-Dec 2012, Markham, Ontario
 - Worked on updating and improving the AMD graphics driver
 - Developed cross-platform kernel level code for abstracting displays
 - Gained experience with Windows kernel debugging and large scale development cycles
- Firmware Engineer, **Evertz Microsystems Ltd.**
Jan 2012-Apr 2012, Burlington, Ontario
 - Worked on professional grade video card with interrupt driven, real-time C++ programming
 - Added new packet handling request from NASA
 - Gained experience with prototype modification

Education

- University of Waterloo, Electrical Engineering
 - Ranked second in 1B Electrical Engineering class
 - Ranked first in 2A Electrical Engineering class
 - Dean's Honour List: 1B, 2A and 3A terms