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## WORK EXPERIENCE

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### Research in Motion - *Performance Measurement Coordinator*

*Fall 2012*

- Created KPI definitions through data analysis to enable management to identify process areas that fail to meet business objectives
- Built metrics using SQL to track resource management, project completion and planned vs. earned value
- Trained management on software use

### BROCK SOLUTIONS - *Control System Engineering Intern*

*Winter 2012*

- Set up hardware, programmed PLC's and emulated a complex +\$200 million controls system while meeting tight deadlines for one of the busiest airports in the world

### ROSEN INSPECTION TECHNOLOGIES - *Robotic Technician*

*Summer 2011*

- Mechanically and electrically tested and maintained +\$5 million pipeline inspection tools prior and following deployment in extremely harsh conditions
- Loaded and verified software and electrical capabilities in remote locations and tracked equipment throughout pipeline inspection

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## EDUCATION

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### UNIVERSITY OF WATERLOO - Bachelor of Applied Science, Mechatronics Engineering

*2009 - present*

- Built Real Time Operating System in C which received 100%
- Created robotic device from PCB capable of navigating complex course. Achieved 98%
- Wrote software in C for mp3 player for Altera FPGA which achieved 97%

### LAKEFIELD COLLEGE SCHOOL

*2005 - 2009*

- Scored 2160 on the SAT (98th Percentile), cumulative average of 92% (Top Academic Student)

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## SKILLS

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- Python, C, SQL, HTML, CSS, PLC, Pics, AutoMOD, VBA
- Mechanical Maintenance, Electrical Testing, Hardware setup

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## OTHER INTERESTS

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- Business & entrepreneurship; lived at mobile/media incubator Velocity in winter 2012; helped start Instaping.com
- Travel and exploring
- Marathon runner, squash, tennis, skiing, hockey, football, soccer
- Active stock trader