

Michael Jonas

1B Mechatronics Engineering

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SUMMARY OF QUALIFICATIONS

- **Languages:** Familiar with C++, VBA, Java, and Python
- **Web Development:** Exposure to HTML and CSS
- **Technologies:** Virtualization (VMware ESXi), Networking (OpenFlow), Linux (Ubuntu, Kali, Mininet)
- Experience with TI MSP430 microcontroller and electronics prototyping with Arduino
- Familiar with 3D and 2D design software such as SolidWorks and AutoCad
- Exceptional ability to communicate a variety of technical and non-technical topics

PROFESSIONAL EXPERIENCE

Hewlett-Packard Company Mississauga, ON
Presales Solutions Architect Jan 2015-May 2015

- Built a Software Defined Network (SDN) using OpenFlow protocol
- Developed an Excel macro to automate a weekly metrics email utilizing VBA and HTML
- Trained Inside Sales Representatives on Software-Defined Networking

KEY PROJECT EXPERIENCE

Hack Western Mar 2015
Mind Fan

- Modified a fan to be turned on with the mind and positioned with hand gestures
- Designed, programmed, and implemented the entire electronic system
- Effectively communicated our design, technology, and process to judges

Queen's Startup Summit Feb 2015

Reedly: Business Development & Tech Liaison

- Aided with product development and design
- Computed potential revenue based on carefully planned sales funnel

Startup Weekend Youth Toronto Apr 2014

EasyPantry: Business Development & Tech Liaison

- Conducted market research, developed marketing plan, and analyzed prospective finances
- Built and presented a pitch for our minimum viable product to a panel of experts

AWARDS & INTERESTS

Scholarships: Loran Finalist Award, Colonel Hugh Heasley Engineering Scholarship, President's Scholarship of Distinction

Sports: Hockey, Ultimate, Volleyball, Soccer

Leisure: Physics/astrophysics books, Marvel Cinematic Universe, Electronics

Performance: Stand-up, Improvisational, and Sketch Comedy