Michael O'Driscoll `<mike@mikeodriscoll.ca>`

mikeodriscoll.ca

SKILLS

- Programming languages including: C, C++, Python, Bash
- Frameworks including: Qt, MFC, Cascades.
- Operating system development and administration: Linux (Debian based), QNX, Windows
- Tools: Wireshark, TCP Dump, Omnipeek, GDB
- Revision control: Git, Perforce, SVN
- Protocol knowledge: TCP, UDP, IEEE 802.11, 3GPP.

EXPERIENCE

BlackBerry   *March 2013 - Present*
WLAN Software Developer

- Software development in POSIX C maintaining both the Texas Instruments and Broadcom drivers for the QNX BlackBerry 10 operating system.
- Middleware development and maintenance: API interfaces, connection management.
- Wireshark and wifi air capture analysis for debugging full system interaction to root cause IEEE 802.11 and interoperability issues.
- Crash debugging with GDB and deep dive code tracing to root cause issues.

BlackBerry   *July 2010 - March 2013*
Software Tools Developer

- Windows software development in C, C++ (MFC) and Python for internal applications supporting log analysis and graphical visualization.
- Support and interact with teams worldwide gathering and implementing requests for new features.
- Collaborate on design of new tool version to support QNX based BlackBerry 10 devices.

BlackBerry   *May 2008 - August 2010*
Software Tools Developer, Intern

- Windows software development in C, C++ (MFC) and Python for internal applications supporting log analysis and graphical visualization.
- Designed and developed python automation for control of C++ application featuring real-time BlackBerry device control with post analysis graph viewing and live monitoring.
- Monitor and support of testing infrastructure in multiple worldwide offices.

City of Kitchener   *June 2004 - May 2008*
Lifeguard and Swimming Instructor

- Responsible for supervision and safety education of all patrons in the pool and ensure their well being during events or swimming lessons.
- Plan and teach swimming lessons to patrons ranging from toddlers to seniors, all with varying degrees of skill and comfort in the water.

EDUCATION

Software Engineering Technology, Conestoga College   *2006 - 2010*
Ontario Colleges Advanced Diploma

CERTIFICATIONS

Standard First Aid, CPR C, AED   *Currently Valid January 2011-January 2014*
St. John Ambulance Canada

REFERENCES

Available on request