# Nicholas Karl Hrynuik

2B Honours Computer Science
University of Waterloo 20465552
nkhrynui@uwaterloo.ca | 1-226-789-7554
**For All Projects See: csclub.uwaterloo.ca/~nkhrynui**

Local Address                Permanent Address
41 Columbia Street West           1644 Queen Street East
Unit 1, Waterloo, ON, N2L 3K4       Sault Ste. Marie, ON, P6A 2G7

## Skills

- Experienced in mobile, software and web development
- Created software in Java, C++
- Created websites using JavaScript, jQuery, CSS, HTML, PHP, MySQL
- Hard working, creative and passionate about programming
- Competent in both Linux and Windows environments, as well as UNIX shell

## Projects

- Independently created 2 Android applications in Java using Eclipse IDE, both were published on Google Play and have 2000 combined installs (May 2013 – January 2014)
  - Vertical Leap Measure uses the accelerometer and gyroscope along with several physics algorithms to accurately estimate the jump height of the user
  - LazerMaze allows the user to bounce a lazer around a randomly generated maze and was created with object orientated design, synchronous threads and a clean user interface
- Constructed and maintained front and back ends of a registration and payment form using HTML, JavaScript, PHP and MySQL for a local lacrosse club that successfully served over 400 users (March 2012 – present)
- Co-developed a website for a fitness and nutrition company which implemented Joomla! for content management (January – February 2014)
- Created several small web-applications/experiments using JavaScript, jQuery, CoffeeScript and HTML5. Examples include a text-image encoder as well as an XML to HTML table creator

## Education and Awards

- Candidate for Honours Computer Science, University of Waterloo, (September 2012 -  present)
- Alfred Askin Memorial Scholarship for excelling in Computer Science, (June 2012)

## Work Experience

eBusiness Specialist, Bank of Montreal InvestorLine, Toronto, ON (September – December 2013)

- Updated English/French web site content and graphics using HTML, CSS, and JavaScript
- Pro-actively generated tools that increased personal and co-workers productivity
- Developed web pages that were aligned to product/feature specifications