

Owen Huyn

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Education

Bachelor of Engineering, Software Engineering and Management

McMaster University, Hamilton, ON

3.6/4.0 GPA

Third Year

Registered in the Co-op Program

- Dean's Honour List (2011-2013)
- Attended the 2014 Canadian University Software Engineering Conference (CUSEC)

Programming Project Work

C++ and OpenGL Solar System Model (in progress)

Independent - 2014

- Designing a mathematical model of the orbits and positions of the planets in our solar system
- Currently programming a 2-D graphical interface with a potential to make it 3-D interactive

Personal Website

Independent - 2013

- Designed a personal website containing resume and project work using HTML, CSS and Twitter Bootstrap
- Includes basic JavaScript slide animations and extensive formatting of personal information

McMaster Grade Android Application

Independent - 2013

- Created an Android application which allows users to calculate their McMaster grade point average
- Includes a simple user interface to allow easy access and readability

C++ Battleship Project

Class Project - 2013

- Created a Battleship game with 4 software engineers as a final project for a programming design course
- Heavily documented and tailored to modern software design principles that was taught in the course

Altera Quartus Project

Class Project - 2012

- Created a sliding puzzle game written in Verilog along with 4 other software engineers students
- Was implemented with a VGA display, PS/2 keyboard and an FPGA board

Experience

Referee & Scorekeeper

September 2013 - Present

McMaster Intramurals, Hamilton, ON

- Kept track of ongoing intramural matches throughout the year and officiated basketball matches
- Organized a detailed schedule to meet employer and academic expectations throughout the school year

Independent Trader

April 2012 – August 2013

- Traded stocks and options in the TSX, NYSE and NASDAQ exchanges for two summers which resulted in a +12% return in 8 months
- Analyzed various decisions and developed a more profound understanding of how markets work

Toronto Summer Camp Supervisor

July 2009 – August 2009

Toronto Parks and Recreation, Toronto, ON

Volunteer Work

- Assisted leaders in handling minors and infants at a volunteer summer camp
- Adapted to the various difficulties to dealing with children and improved self-responsibility

Software Skills

- Experienced: Java, Python, Eclipse, Android ADT, MATLAB
- Intermediate: C++, C#, C, HTML, CSS, MIPS Assembly, Verilog, Android XML, Visual Studio
- Basic: VHDL, JavaScript, SQL, Twitter Bootstrap, LaTeX, Linux OS

Interpersonal Skills

- Responsible, obligated to contribute, adaptable, team oriented, multi-tasking, problem solving
- Analytical, organizational, attention to detail, strong written and verbal communication skills
- Positive attitude and motivated individual who is always looking to learn and improve

Professional Development

Research Associate, McMaster Investment Club

2013 – Present

- Engaged in technical and financial research to recommend numerous technology and telecom stocks
- Improved analytical skills that was required to search detailed information in various companies

Developer, McMaster App Development Club

2013 – Present

- Developed applications on Android OS using various SDK tools
- Met internal project goals and learned how to use various tools in the Android Development Tools Kit

Student Member, Software Engineering Club & Engineering Management Club

2012 – Present

- Participated in club activities such as social gatherings, professor nights and networking sessions
- Improved networking skills with fellow professors, alumni and future employers