

Clinton Morrison

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Co-op Status

- Available for first Co-op work term in May 2014.
- Will have completed four academic terms by May 2014.

Education

Dalhousie University, Halifax, Nova Scotia

September 2012 – Present

Bachelor of Computer Science (GPA: 4.21)

Skills

Programming:	Java, C#, C, and JavaScript.
Technologies:	Android, .NET, MySQL.
Web:	HTML, CSS, and PHP.
Operating Systems:	Windows and Linux.
Software:	Microsoft Office, Visual Studio, Eclipse, WebStorm, JCreator, Maple.
Non-Technical:	Interpersonal and teamwork skills developed from volunteer work.

Work & Volunteer Experience

Co-op Student *Dillon Consulting – Sydney, Nova Scotia* Summer 2011

- Performed CAD modeling of engineering sites and organized drawings.
- Researched various products resulting in the selection of a better anti-corrosion system for water mains.
- Worked effectively with others to analyze water quality test results for benchmarking of remediation success and prepare engineering reports.

Tutor/Mentor *Youth Peer Tutoring – Sydney, Nova Scotia* 2011 – 2012

- Provided social and academic support for junior high students.
- Emphasized concepts and learning strategies, acted as role model during weekly sessions.
- Improved the grades of several students in math and science.

Volunteer *Key Club International – Sydney, Nova Scotia* 2011 – 2012

- Assisted with planning, organization, and setup of numerous charity events.
- Supervised and directed others to ensure quality and success of events.
- Raised hundreds of dollars for various causes.

Software Projects

I have completed a variety of projects including several HTML5 and Java games. These projects and their source code can be viewed and downloaded at clintonmorrison.com/projects. Below are some examples of projects I have completed for both for university and independently.

- Designed and implemented MySQL database to store information about online video games, user accounts, and high scores. The project was completed with Stirling Brown-Sweeting for a second year databases course. The project received a grade of 100%.
- Developed a platform game in Java. Designed efficient algorithms for rendering and collision detection. Implemented a custom game engine to load and render levels. The game has been played by over 50 people and is hosted on my website.
- Developed several simple arcade style games using JavaScript and HTML5. Wrote code to load and play sound effects. Implemented library to draw 2D vector graphics.
- Created a C# .NET application for managing passwords and login information. This program allowed users to add, view, save, and search for passwords and account information.
- Developed a Java Blackjack game for a first year course with Eric Diltcher, Aaron Halinik, and Stuart Thompson. The game keeps statistics about player performance and plays sound effects. The project received a grade of A+.

Achievements & Awards

Bruce and Dorothy Rossetti Scholarship Silver Award	Dalhousie University, 2013
Sexton Scholar	Dalhousie University, 2012/2013
Renewable scholarship (\$4000/year)	Dalhousie University, 2012 – present
Second place in Senior Division	Cape Breton Science Fair, 2012
Among top five students in graduating class	Sydney Academy, 2012

Hobbies & Interests

Android and HTML5 game development, web development, Lego NXT, Arduino, electronics, skiing, piano.

References

References are available upon request.