Michael Stupich   My Website: https://Mike-Stupich.github.io
280 Clarence Street   mike.stupich@gmail.com
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(613) 325-0302

Dear Hiring Manager,

I am currently a third year student in the Computer Science Program at Carleton University, and am looking for summer employment in the Computer Science field. As a candidate with a strong academic background, relevant experience and communication skills, I am confident that I could make a positive and productive contribution to your organization.

My coursework as a Computer Science student has exposed me to an extensive set of programming experiences. During my school terms, I have worked on several projects, one of which was to design a beacon sorting algorithm, the goal being to achieve the most optimal solution with the least amount of moves. Another project I worked on was to create an Android application with a group following an agile development strategy. I have also written a program which used TCP to send information between a computer and a server in C. While working for Public Health Agency of Canada I have built several webpages using ASP.net and dotnetcharting to build user friendly, accessible infographics to be viewed by the public. I have become much more familiar with a variety of other programming languages, including Java, C#, C++ and Python as well as web development languages including ASP.net, AngularJS and server tools including SQL and IIS.

In my past employments and school activities I have developed my leadership, teamwork and critical thinking skills. In addition, I have also acquired transferable skills such as the ability to identify and solve problems, excellent verbal and written communication skills, and a strong attention to detail that will help me succeed and contribute effectively as part of your development team.

I believe my technical skills, past work experiences and willingness to learn would make me an excellent employee. I would appreciate the opportunity to tell you more about myself and learn more about the position. Thank you for your time and consideration. I look forward to hearing from you.

Sincerely,

Michael Stupich

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Education

Bachelor of Computer Science,
Computer and Internet Security Stream   **2014 – Present**
Carleton University, Ottawa, Ontario

- Currently in third year, current CGPA 8.75 (B+)
- Carleton University Entrance Scholarship based on academic merit
- Assembled and programmed several robots, using both classical and behaviour-based programming to perform complex tasks such as wall following, obstacle avoidance, object analysis
- Created a beacon sorting program which implemented my own sorting algorithm and UI to simulate the movements along a given range

A.Y. Jackson Secondary School, Ottawa, Ontario   **2010 - 2014**

- Academic Honour Roll for all four years of high school
- Graduated as an Ontario Scholar
- Worked as part of a team to develop an educational game for the Blackberry PlayBook for an audience of younger students using ActionScript

Skills and Abilities

- Programming experience with Python, C, C#, C++, Java, ActionScript
- Web development experience with Angular.js, ASP.net as well as JavaScript, HTML and CSS on their own.
- Experience with web charting tools such as d3.js and dotnetcharting
- Experience with SQL and MongoDB databases including creating queries to build relational databases to be used in webpages
- Strong understanding of various data structures and algorithms
- Experience in programming robots to analyze the environment and react to obstacles
- Effective in group programming projects and team oriented work
- Experience in documenting code to create easily readable code
- Skilled at simplifying complex problems by breaking them down into several simpler tasks
- Ability to explain high-level technical concepts or ideas in plain language to end users and clients
- Self motivated and willing to learn new tasks, and offer new ideas. Reliable and able to work independently on assigned projects
- Fluent in reading, writing and speaking French

Work Experience

Public Health Agency of Canada
Web Developer   May 2016 to August 2016,
                                                                                       October 2016 to present

- Created SQL procedures to query large amounts of data to retrieve information used in infographics
- Worked with different teams to complete the programming aspects of several projects, including the [Concussion Infographic](), [Chronic Disease](), and other [Public Health]() infobases
- Participated in regular meetings to revise, edit and prioritize project work
- Responsible for moving webpages to the production server to be accessed by the public
- Tasked with creating accessible webpages that meet the Canada.ca standard for the public

Loblaw Companies Limited, Kanata
Overnight Merchandiser   May 2015 to September 2015

- Organized and replenished product inventory in a timely manner
- Maintained a clean and organized work area adhering to health, safety and sanitation standards
- Took initiative to become a certified electric forklift operator

Shoppers Drug Mart, Kanata
Part Time Merchandiser   August 2014 to September 2015

- Assisted customers with locating and purchasing products
- Handled point of sale transactions
- Communicated clearly and positively with customers, coworkers and management
- Responsible for opening and closing the store

Extracurricular Activities and Other Interests

- Assembled several computers for myself and friends. Researched different components to ensure compatibility and quality while considering budgetary constraints
- Member of the Carleton University PC Gaming Club
- Certified Standard and Emergency First Aid and CPR
- Enjoy skiing, hockey, going to the gym and strategy games