

ManeeshWijewardhana

mkandage@uoguelph.ca | 9054622312 | Milton, ON | <https://www.linkedin.com/in/maneeshwije/>

July 4, 2021

Ms. Sandra Oh
Hr Specialist, Head Office
Magnet Forensics
555 Great Canadian Way
Ottawa, ON

Dear Ms. Oh,

I am very excited to learn that Magnet Forensics is looking for a Software Developer to join the team. After completing my first year at the University of Guelph, I have learned more about the fundamentals of programming as well as other skills to bring to the table. I believe that making this world a better place is key for all life and being able to solve major crimes or stop them from happening is a crucial step towards that. I am excited to apply for the position of a Software Developer within this company as my skills in problem solving and collaboration will definitely be an asset to the team.

Throughout my education, I have picked up on many technical skills that I know are important to succeed in this role. My Bachelor of Computing degree program has great emphasis on this as I have learned the fundamentals of programming in C and other development tools such as Git. In my Intermediate Programming class, I designed a fully functional command-line Twitter clone. For this project, I utilized data structures such as Linked Lists as well as Queue's later on in order to fulfill all of the Twitter functions. I designed this project with the user in mind and so easy selection and navigation was a key part. I received positive feedback from my professor as a result and this also kickstarted my initiative towards solving more technical challenges on my own.

Additionally, my experience being a member of the Guelph Coding Club helped me develop my collaborative skills with other like-minded individuals. Being a member allowed me to participate in coding challenges to further polish my technical skills as a programmer. I listened to my peers and helped to understand each other's thought processes when it came to solving problems through code. I also got to attend talks/discussions related to programming technologies and practices. Whether this is through online video communications or in-person, I was able to connect with my peers on a deeper level than programming. I learned that in order to work well with others, I have to fully understand everyone's perspectives and I truly am enjoying my time as a member of the Guelph Coding Club.

I am very excited about the possibility of helping Magnet Forensics and in doing so, helping law enforcement around the world. I believe that your mission statement combined with my strong technical and collaborative skills will make me a valuable member of your team. I look forward to discussing this role further and thank you for your consideration.

Sincerely,

Maneesh Wijewardhana

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Skills

Languages: Javascript, C, HTML5, CSS3

Frameworks/Libraries: React, Node.js, JQuery

Development Tools: Version Control (Git, Github, Gitlab), Netlify

Projects

Reduction (2021)

Javascript, HTML5, CSS3, JQuery

- Developed a minimal new tab chrome extension from scratch which provides an aesthetically pleasing chrome experience
- Created multiple get requests to the Unsplash API, Quotable API and then used JQuery to parse/display the information correctly
- Achieved over 7+ downloads with 5-star reviews on the chrome web store

<https://github.com/ManeeshWije/Reduction>

Personal Blog (2020)

Javascript, HTML5, CSS3, Netlify, Bootstrap

- Developed a website from scratch to act as my portfolio as well as a place to document my experience in the Software Engineering industry
- Implemented Bootstrap CSS in order to fully customize the layout and keep it mobile friendly
- Initiated a hosting domain on Netlify and successfully ported a personal domain which now houses the website

<https://www.wijeproject.com/>

Education

University of Guelph

Guelph, ON

BACHELOR'S OF COMPUTING (CO-OP) IN COMPUTER SCIENCE

Sept 2020 – Present

Scholarship, \$3500 entrance scholarship to the University of Guelph for an 89% admission average

(Aug 2020)

Key academic projects:

Twitter Clone (2021)

- Developed a command line twitter interface using C which consisted of over 7 functions to add tweets, delete, search, and more
- Implemented a linked list data structure in order to store the data within each tweet as well as a queue data structure later on
- Achieved a 95+ grade and as a by-product, learned more about how to manage memory when working with linked lists and queues

Work Experience

Canadian Tire

Milton, ON

AUTO PARTS SALES ASSOCIATE

April 2018 – Present

- Collaborated with co-workers in order to bring sales success to the department
- Conceptualized new ideas and different tactics to attract customers

Extra-Curricular Experiences

Guelph Coding Club (2021)

Member

- Participating in different coding challenges to further polish technical skills
- Attending talks/discussions related to programming technologies and practices