

ADWITY SHARMA

<https://www.linkedin.com/in/adwity-sharma-b598b3152/>

<https://adwity.github.io/adwity/>

343 Twinflower Way
Ottawa, ON

(647) 774-9223
sharma78@mcmaster.ca

TECHNICAL SKILLS

- Proficient in Java, Python, HTML, CSS, SQL, JavaScript, Git, LaTeX, AutoCAD and Application design.
 - Proficient in automated Testing and Manual Testing.
 - Experienced using Microsoft Word, Excel, PowerPoint, and Matlab.
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EDUCATION

Bachelor of Engineering, Software
McMaster University, Hamilton, ON

Completed

Relevant Coursework:

- Principles of programming, Algorithms, Databases, Software Project Management, Software Design and Architecture, Testing, Concurrency, Security

Relevant Projects:

Alfred Automated:

- Developed a drink delivery robot for final year capstone project that received instructions from a website to navigate within an office layout and deliver drinks.
- Successfully created a communication system between the computer and the robot to send location details and receive navigation instructions using a Bluetooth module.

Ping – Pong game:

- Redeveloped a classic ping pong game
(<https://gitlab.cas.mcmaster.ca/Group3/FaultInOurPong>)
- Was rewarded an A grade for the innovative twists such as various speed levels and a new game with one extra ball mode, where the user had to avoid hitting one of the balls.

Weather predicting software:

- Worked with a team of students to create a weather-predicting software based on historical data by applying algorithms and graphing principles.
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CODING EXPERIENCE**Winner of Climate Change Challenge held at York University (June 2017):**

- Worked in a group of 5 people to process large weather related data to determine weather patterns and changes in climate.
- Created a user-friendly interface to process requests to view data for specific periods using NetBeans IDE.

Phase One hackathon (January 2017):

- Worked in a group of three to create an application to detect early symptoms of ADHD.
- used a Muse headset, that transfers brain wave frequency, to analyze the ratio of various brain waves and processed the real-time data using a Java application.

Personal Website Design (2018):

- Designed, developed, coded and published a personal website using Git and GitHub.
(<https://adwity.github.io/adwity/>)
 - Gained increased understanding of implementing HTML5, CSS3 and JavaScript.
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WORK EXPERIENCE:

May 2017 – August 2017

RGIS Inventory Services:

- Auditing goods for various companies.
 - Enhanced interpersonal and communication skills by working in groups of 5-20 people.
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EXTRACURRICULAR ACTIVITIES

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| ➤ Student Member , Professional Engineers Ontario | 2016 - 2018 |
| ➤ Student Member , Ontario Society of Professional Engineers | 2016 – 2018 |
| ➤ Member , Women in Engineering | 2015 – Present |
| ➤ Member , McMaster guitar club | 2017 – 2018 |

REFERENCES AVAILABLE UPON REQUEST