

**ADWITY SHARMA**  
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(647) 774 9223

## Education

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Bachelor of Software Engineering

**Completed**

**McMaster University, Hamilton, ON**

Relevant Coursework Completed: Algorithm and data structure, Principles of Programming Java, Concurrency and state models, Software testing.

### Academic projects:

Six Men Morris: (4-month project)

- Developed a six men Morris game using JFrame in Java in a team of three members.

Ping Pong game: (4-month project)

- Redeveloped a classic ping pong game.
- 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.

Alfred Automated: (8-month project)

- 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.

## Technical skills and Programming Languages

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Java, Python, C++, HTML, CSS, SQL, JavaScript, AutoCAD and Application design.

## Work Experience

May 2017 – April 2017

### **RGIS Inventory Services**

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

## Volunteer Work

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Volunteer peer tutor at high school

2011 -2014

- Teaching peers Mathematics and science (For grade 10 and 11).

- Helped tutees increase their percentage up to 12%.

### Extra curricular activities

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- Winner of Climate Change Challenge held at York University (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.
- Part of Phase One hackathon (2016 and 2018).
- Part of McMaster guitar club (2017).

**REFERENCES AVAILABLE UPON REQUEST**