Tarj Mecwan

Software Engineer

✉ tarjmecwan007@gmail.com 📞 226-506-1044 🏠 tarjmecwan.com ⊚ github.com/tarjmecwan

Experience

President, Massey Game Jam | tarjmecwan.com/masseygamejam
Jan - June 2017 // Ontario, CA

- Co-Founded Massey Game Jam, a video game programming club at Vincent Massey Secondary School, to bring together communities that share a love of game making
- Made the club international by creating a discord server with over 500+ people and advertised on Global Game Jam
- Created a monthly tournament where contestants could create a game in 3 weeks
- Hired tutors to help members who were working their game for the tournament. The tournament occurred each month and it allowed the contestants to create a game in 3 weeks
- Judged the best overall game and gave prizes to the top 3 games

Projects

BOZMIE – Top Down Zombie Shooter Game | tarjmecwan.com/bozmie
May 5- June 19, 2019 // Ontario, Canada

- Designed and developed 5 unique missions, assets, and storyline for a top down shooter game for finals
- Delegated tasks in a group of five members
- The only game that received a 100% score

Arcane – 2D Side Scroller Survival Game | tarjmecwan.com/arcane
May 8 – June 23, 2020 // Ontario, Canada

- Developed entire game including the storyline, the scenes, assets, enemies, steam advertisement
- Game features a wide variety of gameplay elements including RPG, Survival and Adventure
- Received a 100% score

Paint Project (Stranger Things Theme) – MS Paint Clone tarjmecwan.com/paintproject
Nov 23 – Jan 8, 2020 // Ontario, Canada

- Designed and developed a clone of Microsoft paint following a theme adapted from a popular TV show, Stranger Thing
- Created over 30 new features including a Spotify themed music player
- Architected and implemented the front-end of Spotify Music's embeddable web player widget for log in and listening of songs through the application
- Received a 100% for the midterm project

Infinite Creative Crew – Destination Imagination tarjmecwan.com/destinationimagination
Jan 4 - Dec 29, 2017 // Seattle, Washington

- Won 2nd place when competing against 81 teams
- Programmed and created a rotating stage where a performance could be performed on
- Used python and JavaScript to make voice activation and camera signals possible
- Used metal scraps, wood planks, and tin to create a movable stage
- Performed a story where we travelled to a nearby planet using a rocket ship (we created a "ship" that went into the air (2 meters) and we found a group of aliens who performed a song
- Competed in 3 tournaments: Regional, State, and Global

Education

Vincent Massey Secondary School
2017 - 2021 // Ontario, Canada

Grades:
- 97% average in Grade 10
- 95% average in Grade 11
- 98% average in Grade 12 (expected)

Skills

Programming Languages
JavaScript (Processing), HTML, CSS, Python, Java

Tools & Platforms
Git, Processing, WordPress, Firebase
Design
Photoshop, Paint.net, Sketch

Awards

- **Distinguished honor roll Grade 9, Grade 10, and Grade 11)**
- **Destination Imagination (2nd Global Level)**

Interests

Hackathon Participation
- Frequently participated in hackathons to improve programming, teamwork, and creativity skills
- Attended MasseyHacks V and IV
- Created a website to promote and to explain about COVID-19

Track and Field
- Competed in the 100 meter and the 400 meter events for Seattle, Washington. Received 2nd place in the state levels events for 400m

Other Hobbies: Basketball, swimming, programming, and tennis.