

# JAY BHAGAT

Computer Science Student

✉ jbhagat@uwaterloo.ca

☎ +1 416-705-0271

🗣 jaybhagat

🌐 bit.ly/JayBhagat

## Skills

**Proficient with:** Java, Racket, C, JavaScript, HTML/CSS, React.js, Git,  $\text{\LaTeX}$

**Familiar with:** Node.js, PostgreSQL, Firebase

## Relevant Experience

### The EPOCH App

Waterloo, ON

Software Developing Intern

Feb. 2019 - Apr. 2019

- Implemented parts of the EPOCH website using *React.js* to improve its UX/UI design to attract users
- Applied source links to the different pages of The EPOCH App to make the website more efficient
- Effectively managed code repositories with *Git* to work with an *agile* software development style

## Projects

- **Personal Website:** Used *React.js* with *HTML/CSS* and *JavaScript* to build my own personal website to display my portfolio and deployed it using *Firebase*.
- **Brick Breaker:** Applied principles of *Object-Oriented Programming* and *multi-dimensional arrays* to make a throwback version of Atari Breakout using *Java*.
- **Number Theory Calculator:** Applied different efficient and *recursive algorithms* to create a calculator that has operations for mod, gcd, lcm, etc. in *C*.

## Additional Experience

### City of Brampton

Brampton, ON

Seasonal Camp Counselor & Preschool Instructor

Mar. 2018 - Aug. 2019

- Supervising over *60 participants* (ranging from 3 to 13 years old) with a team of 3 other counselors to ensure their safety
- Designed activities for participants to develop their *problem solving* and *motor skills* as commented on by numerous parents
- Integrated participants with disabilities with the remainder of the group through activities as evidenced by their *increasing social circles*

### TFSS HOSA

Brampton, ON

Vice-president of Education

July 2017 - June 2019

- Lead a team of *14 Training Coordinators* to develop a strategy to teach required content to 120 high school students from which *35 were part of the Top 10* in their respective events
- Organized a completely new educational structure for the TFSS HOSA chapter to improve the *quality of education* for students

## Education

### University of Waterloo

Waterloo, ON

Candidate for Bachelor in Computer Science, Honours (GPA 3.96)

Sept. 2019 - May 2024

- President's Scholarship (95%+)

### Turner Fenton Secondary School

Brampton, ON

IB Diploma & OSSD (99.2% University Admissions Average)

Sept. 2015 - June 2019