

**Shyamolima Debnath**  
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## EDUCATION

- **Bachelor of Science in Computer Science**, 2015 – present (Expected Graduation: 2020)  
With major in French Language and Linguistics, minor in Linguistics (English)  
University of Toronto, Toronto ON
- **International Baccalaureate Diploma and Ontario Secondary School Diploma**, 2011 – 2015  
Turner Fenton Secondary School, Brampton ON

## SKILLS AND PROFICIENCIES

- Microsoft Office Suite
- Experience with Python, SQL, HTML
- Proficient in French speaking, reading, and writing
- Teamwork and collaboration
- Communication and customer service

## PROJECTS

- **SiteScrubber**, November 2016  
Worked with my teammates to build a chrome extension that replaces inappropriate terms with less offensive words to make websites more child friendly. Won 3<sup>rd</sup> best hack and best online harassment hack at LadyHacks 2016

### Course Projects:

- **Automated puzzle solver**, March 2016  
Used python to apply the concepts of recursion, classes, breadth + depth first search to generate puzzle solutions
- **Ride-sharing simulation**, February 2016  
Used python to apply the concept of classes in modelling a ride-sharing system
- **Twitter-verse dictionary**, December 2015  
Used python to work with files, build and use dictionaries, design functions, and write unit tests, to read user data from files and generate a dictionary of profiles
- **Encryption and decryption**, November 2015  
Applied knowledge of strings, lists, and files, and followed a five-step algorithm based on a deck of cards to encrypt and decrypt messages
- **Tic tac toe game**, October 2015  
Used functions, if statements, variables, strings, constants, and math functions to create a program that allows one to play tic tac toe with computer

## WORK AND VOLUNTEER EXPERIENCE

- **Mathematics and French Tutor, Tutor Doctor**, Brampton ON, April 2016 – Present  
Helping students of all grade levels become more comfortable with math and French curriculum

- **Local newspaper delivery, Metroland, Brampton ON, 2014**  
Efficiently organized and delivered the Brampton Guardian thrice weekly within the local neighbourhood.
- **Heritage Assistant at the City of Brampton, March 2013 & 2014**  
Volunteered in the Heritage section of the Planning Department; organized and arranged documents relating to heritage buildings in Brampton.
- **Peel Manor Long Term Care Centre, Brampton, 2013 – 2014**  
Volunteered at the Tuck Shop, maintained a record of transactions and inventory, attended to the needs of residents and customers, demonstrated interpersonal and communication skills
- **City of Brampton Emergency Cooling Station, 2013**  
Volunteered for the cooling station in the Brampton City Hall when extreme heat alert was issued. Interacted with residents, distributed pamphlets and raised awareness about safety and health precautions.
- **United Way Fundraising Campaigns, City of Brampton, 2009 – 2014**  
Volunteered at book sales, hockey tournaments, and baseball games
- **Spring and fall cleanup programs in City Parks, Brampton, 2010 – 2012**  
Actively involved in City Parks cleanup programs in the spring and fall seasons organized by the Parks and Recreation Department, City of Brampton
- **Mississauga Marathon, 2011**  
Volunteered for the Mississauga Marathon, encouraging and assisting participants with snacks and water.
- **Brampton Day/ Celebrampton, 2012 – 2015**  
Events on behalf of the Planning Department, City of Brampton  
Volunteered in various activity booths throughout the day and surveyed Brampton residents

#### **ACADEMIC INVOLVEMENT**

- **Marine Biology Excursion to New Brunswick, May 2014**  
Participated in week-long excursion to the Huntsman Marine Science Centre, conducted research and laboratory experiments, collected data, and learned about marine life through field work, a research vessel cruise, and presentations

#### **EXTRACURRICULAR ACTIVITIES**

- **Piano lessons, 2009 – present**  
Grade 9 Royal Conservatory of Music
- **International Baccalaureate Mentorship Conference, 2011 – 2013**  
Led a group of new students to the IB program in various team activities to ease their transition into high school and the IB program

#### **AWARDS**

- 3<sup>rd</sup> Best Hack – LadyHacks November 2016
- Best Online Harassment Hack – LadyHacks November 2016
- Ontario Scholar for Secondary School diploma and Cum Laude in International Baccalaureate Diploma, 2015
- 2<sup>nd</sup> place in ORMTA Piano Festival, 2012