

Shammie Debnath

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EDUCATION

- **University of Toronto, St. George – Toronto, ON**
Honours Bachelor of Science in Computer Science, 2015 – Present (Expected Graduation: 2019)
with Major in French Language & Linguistics, Minor in Linguistics
- **Turner Fenton Secondary School – Brampton, ON**
International Baccalaureate Diploma and Ontario Secondary School Diploma, 2015

RELEVANT COURSEWORK

Software Design, Intro to the Theory of Computation, Data Structures and Analysis, Software Tools and Systems Programming

SKILLS & PROFICIENCIES

Python, Java, HTML, CSS, JavaScript, SQL, Git Version Control, LaTeX, French speaking, reading & writing, Microsoft Office

PROJECTS

- **Personal Website**, (in progress) – HTML, CSS
- **A. I. Ally Chatbot**, January 2017
 - A Facebook messenger chatbot for people to discuss their lives anonymously and receive feedback from the chatbot based on the user's response. An outlet to discuss mental health issues. Created using Microsoft's azure bot service. Won best hack against online harassment at UofTHacks 2017.
- **Sitescrubber Chrome Extension**, November 2016 – HTML, CSS, JavaScript
 - Worked with my teammates to build a chrome extension that replaces inappropriate terms with less offensive words to make websites more child friendly. Is available on chrome webstore for public use. Won 3rd best hack and best hack against online harassment at LadyHacks 2016
- **Warehouse Simulation**, April 2017 – Java
 - Applied OOP concepts and design patterns to create a simulation of the events that occur in a car fascia warehouse, the system interacts with orders coming in and the warehouse workers. Reading and writing files, created JUnit tests, used git version control, design patterns.
- **Automated Puzzle Solver**, March 2016 – Python
 - Used python to apply the concepts of recursion, OOP, breadth and depth first search to generate puzzle solutions.

WORK & VOLUNTEER EXPERIENCE

- **Northcloud Inc.**, Toronto ON, August 2017 – September 2017
Software Test Engineer
 - Reviewing specifications and requirements for e-commerce site to write test cases
 - Authoring 500+ functional test cases for desktop and mobile versions of an e-commerce site
 - Creating and running smoke tests
 - Functional testing on various platforms based on the written test cases
 - Logged bugs (functional, UI) found through testing on various platforms
 - Reviewing and verifying all logged bugs from QA team, verifying bugs fixed during QA cycles
- **Tutor Doctor**, Brampton ON, April 2016 – July 2017
Mathematics, Science, and French Tutor
 - Helping students of all grade levels become more comfortable with the math, science and French Ontario curriculum
 - Created lessons for each tutoring session
 - Created session reports outlining session work, progress and area of improvement after each tutoring session
- **Peel Manor Long Term Care Centre**, Brampton ON, September 2013 – December 2014
Volunteer
 - maintained a record of transactions and inventory in shop, attended to the needs of residents and customers
 - demonstrated interpersonal and communication skills, gained experience in customer service

AWARDS

- Best Hack Against Online Harassment
– UofTHacks January 2017
- 3rd Best Hack – LadyHacks November 2016
- Best Hack Against Online Harassment
– LadyHacks November 2016
- Ontario Scholar for Secondary School Diploma
– Turner Fenton Secondary School June 2015
- International Baccalaureate Diploma, Cum Laude
– Turner Fenton Secondary School June 2015

EXTRA-CIRRICULAR INVOLVEMENT

- **UofT Hacks**, University of Toronto, January 2017
- **Lady Hacks**, York University, November 2016
- **Skule Choir**, UofT, Sept 2017 – Present