Jessica Patel

Computer Science and Educational Studies Student

CONTACT INFORMATION

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SKILLS

PROGRAMMING

Advanced:
• Java • Python
Intermediate:
• HTML • Assembly • Racket • Haskell
Familiar:
• CSS • LaTeX • Bootstrap • C • R • Bash

SOFTWARE

Operating Systems
Linux, macOS, Microsoft Windows
Version Control
Git **Miscellaneous**
Word, Excel, PowerPoint, Visual Basic

LANGUAGES

Spoken:
Gujarati
English
Writing:
English
Reading:
English

COURSEWORK

• Machine Learning
• Software Design
• Recursion
• Dynamic Programming
• Algorithms and Data Structures
• Computer Graphics
• Object Oriented Programming
• Encapsulation and Information Hiding
• Design Patterns
• Functional Programming
• Type Systems

PROJECTS

• Flappy Bird (Assembly)
• Othello (Java)
• Pac-Man (Java)
• Dating Simulator (Java)
• Running-Man (Java)

EDUCATION

UNIVERSITY OF TORONTO
B.Sc. in Computer Science
2018 - Present
Computer Science (Major), Educational Studies (Minor), Mathematics (Minor)

WORK EXPERIENCE

CODE NINJAS PORT CREDIT | Sensei
June 2020 - Present

- Teach students programming and important programming concepts using scratch, Minecraft and javascript.
- Create a safe and fun environment in person and online to help students stay engaged in their learning.
- Organize and conduct STEM activities.

VOLUNTEERING EXPERIENCE

SAFE CITY MISSISSAUGA | Aspire Tutor
Feb 2020 - June 2020

- Independently planned and coordinated lesson plans for students in grade 1-6.
- Ensured students received the proper guidance needed in order to obtain their academic goals.
- Received training on creating better lesson plans that follow the Ontario Curriculum while also catering to the student's needs.

SUNDAY EDUCATION SCHOOL | Volunteer
Oct 2016 - June 2020

- Provide assistance in teaching children from grades 1-9 so they can better understand concepts from school, allowing them to excel in assessments.
- Independently supervise and instruct classes on math, English and science.
- Provide feedback on assessments to help enhance their academic skills.
- Enhance my skills as an instructor in order to create an engaging and motivating classroom.

EXTRA-CURRICULARS

COMPUTER CLUB | Marketing Executive
Sept 2018 – June 2018

- Organized and ran events to help students improve and develop their programming skills.
- Lead fundraisers to help raise funds for the club.
- Promote the club on social media platforms to help bring in more students into the club.
- Design and develop programs using Java.

ENGLISH SCHOLARS | English Scholar
Sept 2018 – June 2018

- Provide feedback and assistance to other students on their English assessments.
- Assessments including essays, analyses and helping students prepare for the OSSLT.