Panth Thakkar

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Education

University of Guelph Expected May 2021

Bachelor of Computing: Computer Science

Coursework

Intermediate Programming, Data Structures, Object Oriented Programming, Modelling of Computer Systems

Robert Bateman High School, Burlington, ON

- Diploma with Honours, June 2017

Programming Skills

Languages	Operating Systems and Related Tools	Programming Tools
C, Java, JavaScript, HTML, R, Git, Shell Programming, Python, SQL, Assembly, CSS, C#, AWS	Windows, Linux, Oracle Virtual Box, Cisco AnyConnect	Eclipse, Microsoft Visual Studio, MySQL Workbench, Bracket, Sublime Text

Experiences

- **Vital Hub (from June 2018 to August 2018)**
  - Built questionnaire tools for mental health applications using Java, SQL and JSP
  - Worked with QA and customer service to develop the appropriate features in each tool

Projects

- **Texas Hold'em Poker -** Play Texas hold'em poker as a text-based game with computer simulated opponents that will prompt you with every move if you want to bet, fold, or raise the wager in Java.
- **Slot Machine** – Play with a text-based slot machine with different payouts depending on the bet placed in Java. Place a minimum bet of 5 coins and each match you get becomes a multiplier of the bet placed.
- **Block Dodger** – Worked with 3 other students to make a game that makes you dodge blocks that are coming towards you in Java. You get 3 lives and love 1 as you get hit until 0 lives remain.
- **Monty Hall –** Built an application in R that would run the outcome of 3 door Monty Hall problem and generates a win or a lose, at random.
- **Newton's Method of Approximation –** Will determine the square root of any given number to the nearest 4 decimal places using this method using either recursion or non-recursion in C code.

Extra-Curricular

- **Teen Advisory Group Volunteering (from March 2014 to June 2015)**
  - This group helped to attract teenagers to the Courtney Park library with activities and events held once or twice a month.
- **Robotics (from December 2015 to April 2016)**
  - I was apart of the manufacturing team that built the robot and the practice field
- **Engineers Without Borders (from September 2017 to Present)**
  - Co-Logistics Executive