

Jay Patel

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HIGHLIGHT OF QUALIFICATIONS

- Strong knowledge in various programming languages such as Java, c#, HTML, CSS, and C.
- Hands-on experience in programming languages such as JavaScript, DrRacket, and SQL.
- Good experience with Microsoft Office – Word, Outlook, Excel, and PowerPoint.
- Hands-on experience with hardware and software computing platform such as Arduino Uno and Raspberry Pi.
- Excellent technical, analytical and communication skills (verbal and written).
- Ability to work independently and in a team.
- Excellent problem-solving skills using creative approaches.

SKILLS

Java programming

- Knowledge of basic concepts of java, Object-Oriented Programming, Graphical User Interface and other advanced topics such as Recursion, Binary Search and Complexity Analysis.

C# programming

- Experience with the introductory concepts of C# language, Text Files: Input and Output, and Object-Oriented Programming.

Racket Programming

- Experience with the concepts of different forms of Lists, Trees, Various forms of recursion, and Lambda Functions.

Web Developing

- Experience with front-end web developing which includes working with HTML, CSS, and basic JavaScript.

SQL programming

- Experience with the concepts of Database Commands, Table Commands, Comparison operators, Joins, and Functions.

C programming

- Experience with Memory & Control Flow, Pointers, Data Input and Output, Decision Control Structures, Loop Control Structures, Functions, and Arrays and Strings.

JavaScript programming

- Experience with Functions, Events, Operators, Simple Content Slider, Tab Control, Arrays and Objects.

EDUCATION

- Bachelor of Mathematics, University of Waterloo, On - September 2020 - Present
- High School Diploma, Westdale Secondary School, Hamilton, On - September 2016 – June 2020

PROJECTS

Investment and Stock Tracker

- Developed an SQL database and created a Java application that interacts with the database. The application allows user to track investments made by people in certain organization and track the stocks at the organization.

Personal Portfolio Website

- Developed a personal website for a side project. The website is designed using the concepts of HTML and CSS.

Arduino Powered Remote Sensing Car

- Assembled the car using Arduino Uno and created the code for the Arduino car that can sense and avoid obstacles.

EXTRA CURRICULAR ACTIVITIES

Robotics Club, Westdale Secondary School, Hamilton, ON.

2019 – 2020

- Worked in a team of 30+ students to develop a robot to compete with other teams.
- Supervised the programming team and created the code which allows the robot to run on a given path by avoiding obstacles.

Computer Science Club, Westdale Secondary School, Hamilton, ON.

2019 - 2020

- Worked with a group of 10+ students to work with programming language such as Java and C# and assist each other to develop programming skills.

WORK EXPERIENCE

Cashier/Burrito Maker

January 2019 – September 2020

Mumma's Burrito, Hamilton, ON

- Provided professional, friendly, and attentive services to the customers.
- Developed positive working relationships with colleagues to meet business goals.

VOLUNTEER EXPERIENCE

Junior Counselor

August 2019 – September 2019

Venture Camp, McMaster University, Hamilton, ON

- Assisted Senior Counselor in fun but challenging team building activities.
- Took responsibility to provide a fun and safe environment to the campers.