PARTH PATEL

158 Pandora Circle, Scarborough, ON M1H1W1 | 647-996-2096 | parth.shreyash.patel@gmail.com

Profile

- Versatile; Easily adaptable to changes and working environments demonstrated through abrupt changes in work environment and conditions
- Proven ability to work efficiently both independently and as a team as shown through academics projects and reports as well as professional experience
- Excellent skills with Microsoft Office (Word, Excel, PowerPoint)
- Good Communication skills both verbally and written developed by working in teams for presentations and laboratory reports
- Hard working; Strong desire to learn

Technical Skills

Computer: Java(Moderate), C#(Beginner), Python(Beginner), HTML and CSS (intermediate), JavaScript(Intermediate), MATLAB (Beginner), Linux /BASH(Beginner), SQL (Beginner)

Laboratory: UV-Visible Spectroscopy (Beginner), Flame Atomic Absorption (Beginner), X-Ray Diffraction (Beginner), Bomb Calorimetry (Beginner)

Instruments: Spray Dryer, Filter Press, Packed Beds, Jaw Crusher, Ball Mill

EDUCATION HISTORY

CENTENNIAL COLLEGE -Software Engineering Technician   **January 2020 - Present**
Scarborough, Ontario

- Learned C#, .NET Framework as well as reiterating Object Oriented Principles.
- Using Oracle Developer learned the basics of database manipulation, design and administration.
- Learned front-end web design focusing on HTML and CSS for static web pages, and JavaScript for interactive pages; created a photo gallery as well as a game using JavaScript.
- Currently learning MEAN Stack for Web Application Design.
- Gained knowledge on software engineering principles including Agile, Scrum, and Kanban; Using the principals worked with various groups to complete Software Requirements Specification reports.

RYERSON UNIVERSITY - Computer Engineering (B.Eng)   **June 2018- December 2019**
Toronto, Ontario

- Programmed microcontrollers (HCS12/9S12) to perform various tasks, culminating in a maze solving robot.
- Designed electrical circuits using inductors, capacitors, Op-Amps, and Multiplexers.
- Studied various data structures and algorithms; including Binary Search Trees, Red-Black Trees, and Dijkstra's Walk.
- Gained coding knowledge in Java as well as JavaFx; Studied various design patterns to help make program modular thus easily adaptable.

PARTH PATEL

158 Pandora Circle, Scarborough, ON M1H1W1 | 647-996-2096 | parth.shreyash.patel@gmail.com

RYERSON UNIVERSITY - **Chemical Engineering (B.Eng)**   **September 2012- May 2018**
Toronto, Ontario

- Data analyzed and used to write laboratory reports for various classes, including possible sources of error and deviations from experiment manual
- Studied heat transfer including one-dimensional and two-dimensional steady-state conduction, heat exchanger design (parallel and counter flow)

Key Areas/Courses of Study

- Heat Transfer
- Mass Transfer

- Sustainable Energy Technology

Projects/Case Studies

Importance of Polymer Recycling (November 2017)

- Worked in pairs to outline the importance of recycling polymers by stating economic, societal and environmental impacts
- Communicated with partner to split the topic areas and responsible for editing and formatting the final report

Hydropower (October – December 2017)

- Corresponded with group of 5 students to state the possibility of switching to hydropower
- Researched developments planned all over the world, possible policy changes to accommodate proposed projects, as well as perceptions (support and oppositions)

PROFESSIONAL EXPERIENCE

MONDELEZ INC - **Dropper (Part-time Continental)**   **October 2018 – Present**
MONDELEZ INC - **Packer (Part-Time/Agency)**   **May 2018 – August 2018**
MONDELEZ INC - **Case Packer (Part-time/Agency)**   **June 2016 – August 2016**
Scarborough, Ontario   **June 2014 – August 2014**

- Ensure that product specifications are met to minimize and issues faced further down the production line.
- Troubleshoot any mechanical failures that may occur with the rotary or wirecutter.
- Notify line leads of any issues that may halt the production line within a timely manner.
- Examine and inspect packages to ensure that they meet company standards, and remove incorrectly sealed products
- Examine product to ensure they meet company standards before and while packing; removing defective product as instructed

PARTH PATEL

158 Pandora Circle, Scarborough, ON M1H1W1 | 647-996-2096 | parth.shreyash.patel@gmail.com

ALL STAR INTERACTIVE - Pin Chaser/Cashier (Part-time)   **August 2013 – December 2017**
Scarborough, Ontario

- Responsible for opening and closing the shift; completing cash deposits at end of shift and ensuring the float starts and closes with $500
- First point of contact with customers; communicated prices and machine troubles with over 20 customers in an hour period
- Maintained a clean and safe bowling environment including both approach and the seating area of bowling lane
- Assisted junior mechanic with minor machine failures and filled out report sheet for the lanes stating problems daily
- Maintained positive customer relations by ensuring issues with pinsetter and scoring were dealt with as immediately as possible