

# SANDEEP SURI

SCARBOROUGH • ONTARIO • M1B 4M8

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## INTERESTS

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- Programming using HTML, CSS, Java, and SQL, attending hacking/programming events, and developing my own game

## QUALIFICATIONS

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C#	HTML and CSS	SQL	JavaScript
Microsoft Office	Strong Team Player	Excellent Leadership skills practiced through extracurricular	Unity 2D
Java	Strong analytical and problem-solving abilities	Self-motivated and takes initiatives	Excellent time management skills

## EDUCATION

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**Bachelor of Computer Engineering**, Ryerson University, Toronto, ON

**2015 - 2019**

**Game development & design. Learn C# using Unity 5**, Udemy Course

**July 2017**

- Gained excellent knowledge of game development by creating web-based games along with mobile games
- Obtained knowledge of how object-oriented programming works in practice by applying it within various components of the game such as creating a level manager, music controller, player options menu, and so on
- Used C# as the main language

**MySQL Bootcamp**, Udemy Course

**July 2017**

- Learned general SQL syntax
- Generate reports using sales and user data
- Analyze data using Aggregate Functions
- Clone database structure of a photo sharing social network
- Build a web app using MySQL and Node JS

### Relevant Projects

- **Data Structure and Algorithms (COE 428)** **January 2017 – April 2017**
  - Developed various projects within this course that used C and XML for the lab projects
  - Gained knowledge of recursion, heaps, sorting, building a state machine, and validating XML
- **Microprocessor Project (COE 328)** **September 2016 – December 2016**
  - Create a simple general-purpose processor for the class of Digital Systems
  - Constructed and built all functions of a simple Processor
  - Designed, simulated, and programmed a simple Processor using VHDL on an Altera FPGA board which would then output the results on a LED display

## ▪ **Wearhacks Apps**

**March 2016**

- Develop an Android application with the use of estimote beacons that allow the visually disabled to travel across a room
- Estimote beacons send Bluetooth signals to the application which notify the user whether to go straight, left, or right from their position
- Used for guiding patients around a hospital hallway
- Used knowledge of Java to create application

## **WORK EXPERIENCE**

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### **IBOOST – WORK STUDY INTERN**

**June 2017 – August 2017**

- Redesigned the iBoost website by using WordPress
- Worked with upcoming start-ups to provide them with necessary resources
- Did market research by conducting interviews and obtaining feedback for iBoost initiatives by interviewing Ryerson students around campus

### **TREEHOUSE LEARNING LABS – FACILITATOR**

**May 2017 – August 2017**

- Taught youth from the ages of 8 – 14 about Arduinos, Arduino IDE, and wiring breadboards in a classroom environment
- Helped Organize meetings and equipment such as Arduino boards, breadboards, wires, resistors, and LEDs into kits to give out to the students
- Prepared daily lesson plans based on the coding language of the Arduino IDE and how to wire a breadboard properly which would be presented from a projector followed by a live demonstration

### **VALIDITY RESEARCH – CUSTOMER SERVICE REPRESENTATIVE**

**November 2016 – June 2017**

- Provided excellent customer service to clients
- Achieved daily quotas on the number of sales each day
- Identified the concerns of the customer by listening and asking questions to ensure customer satisfaction

## **VOLUNTEER EXPERIENCE**

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- Leader in Training Program at Doorsteps Summer program. **July 2010 – August 2012**
  - Create activities for the campers to engage in such as a miniature track-and-field competition, arts and crafts, and talent shows
  - Communicate with parents on behalf of the Camp Leaders explaining summer prices, activities we do, days of the week we are available and who we are

## **LEADERSHIP**

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- Chair of the event planning committee for the Ryerson Engineering Student Society (RESS)
  - Organized bi-weekly team meetings to keep the members up to date
  - Delegated responsibilities and supervised team to ensure events were running successfully such as a games night, pancake breakfast, Ryerson Bug-Push, and Talent shows
- Co-President of the Ryerson Punjabi Association
  - Interviewed students for various positions by using Google forms as a sign-up sheet and Google calendars to schedule in appointments
  - Represented the entire student group at Student Union meetings
- Corporate Relations Associate for the George Vari Innovation Convention
  - Contacted various companies such as Gap, H & M, and The Source to create partnerships in

order to generate funding for this conference