

# MUDIT MITTAL

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## Education

### University of Waterloo

B.A.Sc. Computer Engineering  
2021

## Skills

### Software Development

C

C++

Java

Python

### Web Development

HTML

CSS

JavaScript

PHP

Bootstrap

jQuery

### Others

Android

MATLAB

VHDL

ARM

Assembly language

## Work experience

### Amazedeal.in

Web Developer

Spring 2016

- Designed, coded and modified the company's website from layout to functions
- Implemented responsive web applications and services, using programming languages such as HTML, CSS, PHP, JavaScript, jQuery, Bootstrap
- Regularly assisted the development team to review the website and feature coding and, planned website's future upgrades

## Projects

### Personal Website

- Built a personal website using HTML, CSS, Bootstrap

### Pedometer

- Designed an android app to calculate the number of steps taken during a walk by using a state machine to increment the steps

### Traffic Light Controller

- Designed a traffic light control system as a sequential circuit with clock which controlled two traffic lights on an intersection using a state machine.
- Designed using VHDL code and DE2 board

### Elevator Controller

- Designed and implemented a circuit to control an elevator by the help of combinational circuits.
- The circuit had 4 inputs to define current and requested floors and 3 outputs to enable motor and request floor

## Activities

Tim Hortons, Team Member	June- Aug 2017
Hack the North	Sept 2016
Engineering Society, Member	Sept 2015- Present
Fine Arts Club, High School, President	2012-2014
Aero Space Club, AeSI, Member	2013-2014

## Awards

Engineering International Student Scholarship	Sept 2015
University of Waterloo President's Scholarship	Sept 2015
Academic Excellence Award, High School	Aug 2014