

# Ajayveer Singh

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## Experience

### Computer Science Department, HKU

The University of Hong Kong, Hong Kong SAR.

#### STUDENT TEACHING ASSISTANT

Sep 2020 – Dec 2020

- In charge, along with fellow TA, of conducting tutorial sessions of approx 45 students of the ENGG 1330 'Introduction to Programming' course, guiding them through tutorial tasks, initiating discussions, and responding to any questions.

### Asia Competitiveness Institute at LKYSPP, NUS

Dehradun, Uttarakhand, India.

#### RESEARCH ASSISTANT INTERN

May 2019 – July 2019

- Helped prepare an academic write-up on the "Economic Scenario and Micro, Small and Medium-sized Enterprises Landscape of Uttarakhand."
- Contributed to preparing the minutes of the meetings that took place regarding the project. (13th and 14th June 2019).

## Skills

**Programming:** C++, C, C#, Java, Python

**Machine Learning:** Introduction to Machine Learning - Duke University | Coursera

**Web Development:** HTML5, CSS, JavaScript. Introductory MERN stack, PHP, MySQL.

**Basic Financial Analysis:** The Language and Tools of Financial Analysis - The University of Melbourne | Coursera

**Communication:** Proficient in English | SAT : 1550 | TOEFL: 111

**Image & Video Editing:** Photoshop, Gimp, Sony Vegas

## Projects

### MNIST Digit Classifier

Python, Pytorch

SIMPLE MULTI-LAYER PERCEPTRON FOR MNIST DIGIT CLASSIFICATION IMPLEMENTED IN PYTHON.

### 'Hop' Browser Extension

HTML, Javascript

A CHROME BROWSER EXTENSION THAT INTRODUCES AN ENDLESS 2D RUNNER GAME AS A POP-UP WINDOW, WITHOUT CHANGING CURRENT WEBPAGE.

<https://github.com/Quacktillius/Hop>

### COMP3329 Group Project

Unity Engine, C#, Game Design and Development

CREATED A 3D OPEN-WORLD ACTION RPG GAME AS TECH COORDINATOR.

<https://github.com/Kash1405/Harae>

### 'Text-based-Adventure' Terminal based Game

C++, ncurses Library

FINAL GROUP PROJECT FOR ENGG 1340 PROGRAMMING COURSE AT HKU.

<https://github.com/Quacktillius/Text-based-Adventure>

## Honors and Awards

HKU Entrance Scholarship - Full Tuition,

The University of Hong Kong  
ISC Board

Attained 98% in ISC XII Board Examination | Top 1% Score,  
99th SAT User Percentile | SAT Score: 1550/1600,

## Education

### The University of Hong Kong

Hong Kong SAR.

BENG IN COMPUTER SCIENCE

Sep 2019 – Till Date

GPA: 3.73