

# Ajayveer Singh

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## Education

### The University of Hong Kong

BENG IN COMPUTER SCIENCE

GPA: 3.55

Hong Kong SAR.

Sep 2019 – Till Date

## 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

<b>Programming:</b>	C++, C, C#, Java, Python, Numpy, Pandas
<b>Machine Learning:</b>	Introduction to Machine Learning - Duke University   Coursera
<b>Web Development:</b>	HTML5, CSS, JavaScript, TypeScript. Introductory MERN stack, PHP, MySQL, GraphQL.
<b>Basic Financial Analysis:</b>	The Language and Tools of Financial Analysis - The University of Melbourne   Coursea
<b>Communication:</b>	Proficient in English   SAT : 1550   TOEFL: 111
<b>Image &amp; Video Editing:</b>	Photoshop, Gimp, Sony Vegas

## Projects

### Mizu Water Tracking

React.js, Node.js, Express, GraphQL,  
TypeScript, HTML, CSS

A DAILY WATER CONSUMPTION TRACKING WEB APPLICATION.

<https://github.com/Quacktillius/Mizu-Water-Tracking>

### '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>

### 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>

### MNIST Digit Classifier

Python, Pytorch

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

## Honors and Awards

HKU Entrance Scholarship - Full Tuition,

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

The University of

Hong Kong

ISC Board