# Sanjeev Mahadeo

I am a self-driven, detail-oriented, meticulous programmer with a growth mindset. Personality-wise, I am an effective communicator with a knack for making friends with persons of all backgrounds.

Trinidad and Tobago
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**Github Page**
**Portfolio Website**

## EXPERIENCE

### Boston Asia Capital, Milton, MA, USA—Software Developer

Dec 2022 - Jun 2023

Worked on automated trading software using information from the NY Stock exchange: Designed and implemented backend programs to execute trades via Trade Station, calculate risk using linear regression models along with exponential moving averages, and implemented frontend website displays to demonstrate the executed trades

### Virtana, St Augustine, Trinidad—*Robotics Software Intern*

May 2021 - Aug 2021

Implemented, tested, and maintained a software solution to a robotics project: worked with the Unity Jobs System to implement a multi threaded server that executes commands to a robot from multiple users

## EDUCATION

### Massachusetts Institute of Technology MIT, Boston, MA— *BSc. Mathematics with Computer Science*

Sep 2019 - Present

### Naparima College, San Fernando, Trinidad — *A'Level CAPE*

Sep 2016 - Jun 2018

Grade I's in Applied Mathematics, Caribbean Studies, Chemistry, Communication Studies, Physics, and Pure Mathematics in all Units.

Caribbean Merits: 1st in Physics Unit 1, 3rd in Pure Math Unit 1, 5th in Applied Math Unit 2, and in 6th Pure Math Unit 2

### Naparima College, San Fernando, Trinidad — *O'Level CSEC*

Sep 2011 - Jun 2016

Grade I's in Additional Mathematics, Biology, Chemistry, English A, English B, Geography, Mathematics, Physics, Spanish, and Technical Drawing.

Caribbean Merits: 2nd in Physics, 2nd in Additional Mathematics

## SKILLS

Git

Python

Golang

HTML

CSS

Javascript

Object Oriented Programming

Machine Learning

Statistical Modeling

Hypothesis Testing

## AWARDS

**Thrice recipient of an Honorable Mention at the International Mathematical Olympiad**

Trinidad and Tobago Open Scholarship Winner in the field of Mathematics

## LANGUAGES

English (Native)

English Creole (Native)

Spanish (Fluent)