**Yash Sinha**

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**Objective**

Seeking a computer/data science internship which will utilize my previous work experience and skills

**Education**

Southern Methodist University, Dallas, Texas

**Bachelor of Science in Computer Science** (Grad Date- May 2023)

**Bachelor of Science in Statistical Science** (Grad Date- May 2023)

***~ Current GPA: 3.89***

# Skills/Certifications

IT Certifications: CompTIA Linux+ Admin Training, Machine Learning Certification offered by Stanford, Microsoft Office Professional (Excel, Word, PowerPoint, Outlook)

Computer Science Skills:

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| --- | --- |
| *Languages:* | **C++, Python,** Java, SQL(MySQL), HTML, MATLAB, R, SAS |
| *Environments:* | **Git, Linux**, **Windows**, Anaconda, Test-Driven Development |

Related coursework: Networks and Data security, Software/Algorithms, Data Structures, and Machine Learning.

# Career History

Experience working as a team member, decoding business requirements, and designing and developing innovative solutions

**Experience:**

**Advanced Supply Chain Solutions (a GMC company) -** *IS intern (Summer 2019)*

*Chat bot for corporate website (Python)*: developed and trained a neural network in python incorporating TensorFlow and NLTK to create a contextual chatbot

**Selected Projects (***https://github.com/ysinha24***):**

* *Hand Writing Recognition in MATLAB/Octave:* developed an effective implementation for a neural network to comprehend handwritten numbers and letters as an intro to machine learning
* *Eye Identification in Python*: used machine learning algorithm and Haar cascade classifier to detect and track eyes in a video and was able to analyze pupil movement and dilation
* *Arduino Data Collection:* used an Arduino microcontroller as an IOT device that transfers information regarding soil moisture and temperature to a remote MySQL database

**Associations/ Awards:**

* *AWARDS:* Discovery Scholar / SMU Provost Scholarship