**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)

Carnegie Mellon University – Summer Pre-college Program-2018

**Imperative Computing –** utilized and proved the efficiency and logic ofdata structures in C

**Discrete Math –** proved concepts using sets, logic, and graph theory

# Skills/Certifications

IT Certifications: Machine Learning Certification offered by Stanford, Trained in SAP, Microsoft Office Professional (Excel, Word, PowerPoint, Outlook)

Computer Science Skills:

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| --- | --- |
| *Languages:* | **C, Python,** Java, SQL(MySQL), C++, MATLAB |
| *Environments:* | **Linux**, **Windows**, Anaconda, Test-Driven Development |
| *Networks:* | TCP/IP, VPN, VLAN, OSI |

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

# 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 using a framework 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

**Associations/ Awards:**

* *AWARDS:* Discovery Scholar / SMU Provost Scholarship