SANYA SRIVASTAVA

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EDUCATION

University of California, Los Angeles (UCLA) | *B.S. Computer Science*   *June 2023*
  - GPA: **4.0**

Delhi Private School, Sharjah, United Arab Emirates | *High School*   *2009 -2019*
  - All India Secondary School Certificate Examination (Grade 12): **93.4%**

TECHNICAL SKILLS

C/C++, Python. Web dev front end with **HTML/CSS/XML** along with **Node.js**. Database management with **MySQL**, **PostgreSQL**. Data Science and Machine Learning projects set up with **Anaconda** and **Jupyter Notebook**; familiar with the use of several python ML libraries/tools. Experience using **git** and **LaTeX**.

PROJECTS AND RELEVANT EXPERIENCE

• Involved in research under Dr. William Speier of UCLA Bioinformatics, working on a **Naïve Bayes** model to decoding neural signals into words for ALS patients *(2020)*

• Backend Developer for DevX UCLA: Working on AI-driven schedule optimizer available as a Google Chrome Extension for Google Calendar. Programmed in **Javascript** with **PostgreSQL**, with **Postman** and **Docker for Ubuntu**. *(2020)*

• Frequently competed on Kaggle by building Machine Learning models to solve a variety of problems with both structured and unstructured data. Libraries used: **Numpy**, **Pandas**, **Matplotlib**, **TensorFlow2.0**, **XGBoost**, **CatBoost**, **Scikit-Learn**, **PyTorch**, **Keras**. *(2019-present)*

• Created an app in collaboration that segregates waste with the help of **Google Cloud Vision API** and **Firestore** database. *(2020)*

• Created a small contraption with **Arduino** to keep track of position of the neck and alert the user in case of bad posture; programmed in **C++** and **Python** *(2020)*

• Created and managed database in **C++** and collaborated with team to build sales management software and library record keeping software *(2018)*

AWARDS

Top 3 Innovative Hacks and **Best Use of Google Cloud Platform |** *QWERHacks*   *2020*
Created an app in collaboration that segregates waste with the help of **Google Cloud Vision API** and **Firestore** database.

LEADERSHIP

• **SLAM Club at UCLA:** Taught piano to students in underprivileged communities in LA *(2019 – present)*

• **The Energy and Resources Institute of India (TERI)**: led a team for the Water Division and interacted with locals and hosted radio shows to collect and analyze raw statistical data by creating **Macros in Excel** to understand problems and provide solutions *(2017 - present)*