SANYA SRIVASTAVA

Los Angeles, CA | (424) 440 9542 | sanya29@g.ucla.edu
https://www.linkedin.com/in/sanya-srivastava | github.com/sanya29

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): **93.4/100**

PROJECTS AND RELEVANT EXPERIENCE

Twain, DevX UCLA   *April 2020 - present*
- Backend engineer for schedule optimizer available as a Google Chrome Extension for Google Calendar.
- Built with **Javascript, Node, Express,** and **PostgreSQL**

GooberEats   *March 2020*
- Wrote a program that processes a list of deliveries in no particular order around Westwood, Los Angeles and optimizes the order of deliveries and routes with Simulated Annealing to find the shortest path.
- **C++**

Bruin Trash   *Jan 2020*
- Managed the database for an app that segregates waste when you take a picture of it. Won **Top 3 Innovative Hacks** and **Best Use of Google Cloud Platform** @ QWERHacks.
- Built with **Google Cloud's Vision API** and **Firestore**

Smart Brain   *May 2020 - present*
- Created a website that looks for human faces in pictures you upload.
- Built with **HTML/CSS, Node, Express, PostgresSQL, React, Heroku**

Machine Learning projects   *2019 - present*
- **Heart Disease Classifier**:
  - Wrote a program that predicts heart disease patients with Machine Learning models.
- **Bluebook for Bulldozers**:
  - Wrote a program for a competition on Kaggle that uses regression to predict the price of Bulldozers. Placed in top 80 out of ~500 contestants.
- **Dog Breed Identifier**:
  - Wrote a program that uses Deep Learning to identify the breed from pictures.

- Built with **Python's** Machine Learning libraries such as **Scikit-Learn, PyTorch, Tensor Flow 2.0, XGBoost, Keras, CatBoost.** Managed with **Anaconda** and **Jupyter Notebook**

TECHNICAL SKILLS

Proficient in **C/C++, Python**, and database management with **MySQL**, **PostgreSQL**. Also comfortable with **git**, **LaTeX, Postman** and **Docker for Ubuntu**.

VOLUNTEERING

SLAM Club at UCLA   *2019 - present*
- Taught piano to students in underprivileged communities in LA.

The Energy and Resources Institute of India (TERI)   *2017 - present*
- 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.