Sindura Sriram

Brown University '21

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Education

Applied Math and Computer Science, Sc. B
Brown University

AUGUST 2017 - MAY 2021

3.9 / 4 GPA

Operations Research	Computer Systems	Computational Linear Algebra
Machine Learning	Data Science	Data Structures and Algorithms
Statistical Inference	Computer Vision	Discrete Structures and Probability

Work Experience

Data Science Intern
Theravance Biopharma

AUG - NOV 2021

Developing an NLP Pipeline for Information Extraction from 20K legacy research documents for the task of predicting successful relationships between extracted biomedical-specific entities

Projects

Optical Character Recognition
Visual Prosthesis Lab, Brown University

JAN - JULY 2021

Designing an end-to-end detection and classification algorithm for text recognition in complex text instances in natural scenes or "in the wild" as a functionality for a visual prosthesis device

Climate and Crops
Capstone in Data Science

FEB - MAY 2021

Measuring the relationship between global crop yield and rising temperatures by forming regression-based models of data mined from NASA and PANGEA; verifying prediction accuracy with statistical tests

Skills

Python · Java · C · C++ · SQL · R · MATLAB · HTML · CSS · JavaScript

Machine Learning · Deep Learning · Data Science · Computer Vision · Natural Language Processing

Mandarin Chinese (Traditional, Simplified)

Awards

Brown University Scholarship to attend Princeton in Beijing, 2018

National Merit Finalist, 2017

1st Place in West Coast Chinese Speech Competition by Confucius Institute, 2016