SHIVANSH RUSTAGI

CONTACT

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SKILLS

Python / Numpy / SK Learn
NLTK / C / Java / HTML
CSS / JS / Node.JS / Unix
Git / ExpressJS / MongoDB
Firebase / Pytorch / Keras
TensorFlow / Flask

COURSEWORK

CMPS12B Data Structures
MATH21 Linear Algebra
CMPE12 Assembly - IP
CMPE16 Discrete Math - IP
MATH23AB Vector Calculus
Coursera ML - IP

ACHIEVEMENTS

UCSC College Scholar
Dean's List
Eagle Scout
National AP Scholar
ACT 36 / 36
Presidential Gold
Volunteer Award
Tae Kwon Do Black Belt

EDUCATION

U.C. SANTA CRUZ — Computer Science, BS 2018 – 2021 / 4.00 GPA
Activities: Artificial Intelligence Club (Officer), Association for Computing Machinery, Institute of Electrical and Electronics Engineers

GUNN HIGH SCHOOL — 2014 – 2018 / 4.34 GPA
Activities: Photo Editor for Gunn Olympian (Yearbook), Bhangra Club, Gunn Cycling Club.

PROJECTS

SMLR — March 2019
https://devpost.com/software/forest-plt0m9
Developed with **Python (Flask), Node.JS, EJS, ExpressJS, Google Cloud Platform**.
Summarizes YouTube videos by transcring audio track and then applying Latent Semantic Analysis.

FOREST — CruzHacks 2019 (3rd Place Amazon Sponsor Prize Winner)
https://github.com/srustagi/cruzhacks-alexa-skill
Amazon Alexa skill developed with **Python (BeautifulSoup4, Regex), AWS Lambda**.
Provides condensed version of dining hall menus, and students' dining account infomation. Worked in team, wrote backend.

ELECTION SENTIMENT ANALYSIS — October 2018
https://github.com/santacruzAI/ElectionSentimentAnalysis
Developed with **Python (BeautifulSoup4, Selenium), SciKit-Learn**. Predicted results of local affordable housing measure vote using sentiment analysis on scraped tweets. Developed in conjunction with Diego Magdaleno and Catherine Lee.

EXPERIENCE

STREETCODE ACADEMY — June 2017 to June 2018
Taught web servers class, how to write full stack apps using **Node.JS, Postgres.app**, and **ExpressJS** framework. Also co-taught class on how to deploy a wordpress blog with **Amazon AWS Lightsail**.

TILO CONNECT — June 2015 to July 2015
Software Engineering Intern: converted part of the codebase from **PHP** to **Node.JS**, wrote part of backend using **PHP** (WAMP stack).