

## CONTACT

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shivan.sh  
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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

# SHIVANSH RUSTAGI

## 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

### 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 information. 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.

### TROOP 87

September 2017

<https://github.com/srustagi/troop-87>

Developed with **Node.JS (Passport, Google Calendar + Maps API)**, **EJS**, **ExpressJS**, **MongoDB**. Redesigned version of Troop 87's website implementing authentication, event signup area (dynamic routing), and responsive frontend.

## 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).