

# Dev Masrani

California Polytechnic University @ San Luis Obispo  
Computer Engineering | Class of 2024

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## Technical Skills

- Java
- Python
- HTML
- CSS
- Bootstrap
- Git

## Relevant Coursework

- CSC 101 - Fundamentals of CS
- CSC 202 - Data Structures
- CSC 203 - Object Oriented Programming in Java
- MATH 141 - 143: Calculus I - III

## Honors / Activities

- ISA Freshmen Ambassador
- Eagle Scout

## Project Experience

### Playlistifyer

#### Personal Project | 2020 - 2021

- Developed AI Spotify playlist generator and analyzer using python and flask
- Could generate perfect Spotify playlists for users and has 100+ active users
- Had 130 concurrent users and generated 750 playlists on launch day
- Consistently maintain and take in user feedback through website for features
- <http://playlistifyer.herokuapp.com>

### SMSNews

#### Personal Project | 2018

- Worked in a team of 4 to implement a news outlet via the SMS network
- Designed to be able to circumvent censorship and inaccessibility to data in other countries
- Built in Python utilizing the Twilio REST API and allowed users to text a number to receive worldwide news.

### FTC 8872

#### First Tech Challenge | 2016- 2020

- Worked with a team of 15 to develop a robot every year
- Specialization in electrical department; designing and fabricating custom wiring + harnesses for robot
- Worked in Java to Implement basic autonomous and driver controlled input

### Masrani.tech

#### Personal Project | 2019 - Present

- Worked and coded a v1 and v2 and v3 version of this site utilizing HTML, CSS, and Bootstrap
- Continuously maintain the website to meet my current needs

## Leadership Experience

### Freshmen Ambassador

#### Cal Poly ISA | September 2020 - Present

- Acted as outreach director specializing in the class of 2024
- Worked with a team of 13 to run and plan virtual events; fostering engaging experiences for others
- Acted as a floater helping others with whoever needed help (video editing, planning, graphics, etc.)

### Program Coordinator

#### Brainvyne Inc. | May 2020 - August 2020

- Taught 15 - 25 kids per session over a virtual setting
- By end of course, students knew basics of stop motion shooting and iMovie editing
- Designed and refined the curriculum throughout the 8 weeks of camp

### Outreach Chair

#### Wilhacks | 2016 - 2020

- Arranged and contacted sponsors
- Coded and maintained hackathon website with live view
- Mentored and helped participants during the event with common code issues