

# SAMAY GUPTA

## 1st Year Computer Science Student

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📍 California, USA



## EXPERIENCE

### Internship

#### CISCO

📅 July 2019 – February 2020

- Role: Lead Backend developer
- Project: Eventdips
- Tools: Python, Django, HTML, CSS, Bootstrap, Javascript

## PROJECTS

### Virtual Eye

#### Oakridge Codefest, Y4PT Hackathon, UITP Summit

📅 January 2019-June 2019

An assistive tool designed to help the visually impaired. This project uses Computer Vision to help classify objects and individual faces. This project uses a server-client model to help speed up classifications. This was showcased at the Y4PT Global Public Transport Hackathon in Stockholm, Sweden.

### AutoDust

#### IBM NPSK Hackathon, Amrita NSO

📅 August 2019

AutoDust is an AI powered waste segregation system. It uses Computer Vision to help segregate waste into Biodegradable and Non-Biodegradable. Its modular design allows it to be expandable to classify multiple waste types.

### EventDips

#### CISCO

📅 July 2019 - February 2020

An online event management system. I was the lead back-end programmer while working on this project. This project was created at DPS East while working with CISCO. It is used for effectively managing multiple events for both students and organizers.

### Covishield

#### CISCO@SloHacks

📅 April 2021

A COVID violation management system that helps in detecting and enforcing COVID-19 violations. Aimed to help transition back to normal, Covishield uses computer vision to effectively detect social distancing and mask violations. It further displays the violation on a map along with data regarding its details.

## ACHIEVEMENTS



### International Representation

Represented India at the Y4PT Global Public Transport Hackathon held at Stockholm, Sweden for my Virtual Eye Creation.



### 1st Position CISCO@SloHacks

Secured 1st Position at the CISCO Sponsored CISCO@SloHacks. Also secured the prize for the Data Science Hackathon.



### 1st Position Amrita University

Secured 1st position at the Amrita NSO 2019 for the prototype of my waste management system- AutoDust.



### 3rd Position PES University

Secured 3rd Position at the PES University's Competitive Coding Event.



### 1st Position IBM NPSK

Secured 1st Position at the IBM Sponsored NPSK Hackathon.

## SKILLS

Hard-working    Communicator    Leader

Motivator    Team Player

Python    Java    C++    C Sharp  
Kotlin    Swift    JavaScript    jQuery  
SQL    HTML    CSS    Bootstrap

Django    OpenCV    Sockets    Sklearn  
Pygame    Tensorflow    GIT    UNIX

## EDUCATION

### B.Sc. in Computer Science

#### California Polytechnic, SLO

📅 June 2024

Major GPA: 4.0

### Secondary Education

#### DPS East, Bangalore

📅 May 2020