

# 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

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

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.

### Voting Machine

#### DPS East, Bangalore

Developed to handle the student body election for the year 2019-2020, This program was designed with redundancy in mind. This program was coded in Python and ran completely error free successfully compiling over 3000+ votes anonymously.

### EventDips

#### CISCO

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.

### Arcade

#### DPS East

A suite of retro games developed in Python in using the Pygame Module. Games include remakes of popular classics such as Pac-Man, Snake and Flappy Bird.

## ACHIEVEMENTS



### International Representation

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



### 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(The Amateur Scientist's Code-wars).



### 1st Position IBM NPSK

Secured 1st Position at the IBM Sponsored NPSK Hackathon. This was awarded for the first iteration of my AutoDust prototype.

## 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

### Secondary Education

#### DPS East, Bangalore

May 2020