SAMAY GUPTA

1st Year Computer Science Student

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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 shocased 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