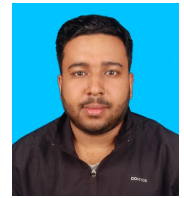


# Saswat Samal

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## Education

### Institute of Technical Education & Research, SOA University

Bachelor of Technology in Computer Science

Relevant Coursework: Data Structure and Algorithms, Algorithm, Communication

Grade Point: 7.91 up to 4th Sem

Bhubaneswar, India

Aug 2019 – June 2023

### Kendriya Vidyalaya No.1

Higher Secondary Education (+2, CBSE)

Relevant Coursework: Physics, Chemistry, Mathematics, Bio-Technology, English

Percentage: 80%

Bhubaneswar, India

Aug 2017 – Jun 2019

## Internship Experience

### Machine Learning Intern, Eduvance

Data Analysis with Pandas Dataframe, Data Visualization Techniques, Machine Learning techniques with Python Scikit-learn package and worked with IBM Watson on IBM Cloud.

May 2020 – June 2020

## Achievements

- First Overall at "New Hack? Who is this" hackathon by Major League Hacking [\[Link\]](#)
- 2x Best Hardware Hack at Major League Hacking's Hackathon [\[Link-1\]](#) [\[Link-2\]](#)
- Winner (Sustainability) at Hack the World [\[Link\]](#)
- 3rd Place Overall at Flare Hacks 2020 [\[Link\]](#)
- Top 10 in India at Restart India Hackathon
- Finalists in Sand Rover at Khsitij 2020, IIT Kharagpur
- Runner Up in Tech Expo at IIT Bhubaneswar

## Technical Skills

- Languages – Java, Python, C, Arduino (C++), HTML, CSS & JS
- Technologies – Machine Learning, Git, Arduino, Web, Django, OpenCV, Heroku, Meta SparkAR

## Certifications

- **TensorFlow Developer Specialization**  
DeepLearning.AI • [\[Link\]](#)
- **Web Application Technologies & Django**  
University of Michigan • [\[Link\]](#)
- **Introduction to Machine Learning**  
Duke University • [\[Link\]](#)
- **Version Control with Git**  
Atlassian • [\[Link\]](#)
- **The Complete Web Developer Course**  
Udemy • [\[Link\]](#)
- **Guide to Arduino**  
Udemy • [\[Link\]](#)

## Projects

- **CoGate: Mask Detection & Crowd Control using TFJs & Arduino**, A smart AI-based gate that opens if the person will be wearing the mask with a sanitizing pathway based on liquid sanitizing for humans and UV sanitization for electronic gadgets. [\[Link\]](#) [\[GitHub\]](#)
- **Task Manager**, A dashboard where the task is provided by the admin for the users to complete. Built using HTML, CSS and Django. [\[Link\]](#) [\[GitHub\]](#)
- **Mo-Tika**, A website to check vaccine availability at Khorda District, Odisha. [\[Link\]](#) [\[GitHub\]](#)
- **markView**, is an online Markdown Previewer where you can see the preview of your markdown side by side. [\[Link\]](#) [\[GitHub\]](#)
- **onEditor**, online code editor. Built using HTML, CSS and JS. API used: Judge0. [\[Link\]](#) [\[GitHub\]](#)
- **Coradicator**, A smart robot that is built with UV-C lights to eradicate the coronavirus laying around. [\[Link\]](#) [\[GitHub\]](#)
- **Hexi**, A smart multicolour bulb built using NodeMCU and IoT.

## Others

- Published a paper on Face Mask Detection Using Tensor Flow JS. and Arduino [\[Link\]](#)
- Leader of Hack Club ITER, Attendee at GitHub Field Day 2021, Community Member of TensorflowJS SIG, SparkAR CA, AngelHack CA, President S'O'A FabLab, Tech Head at ITER Robotics Club