

# Aishwarya Sahoo

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## Education

**Vivekananda Education Society's Institute of Technology** 7/2017 - 5/2021

Bachelors in Engineering (Computer Engineering) affiliated with University of Mumbai

GPA: 9.28/10.0

**D.A.V. Public School, New Panvel**

Grade XII: 95%

Grade X: 95.6%

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## Publications

1. Aishwarya Sahoo, Jatin Bhagchandani, Manasee Palsule, Sneha Lalwani, Mannat Doultani. Smart Underwriting – A Personalized Virtual Agent in *International Conference on Intelligent Computing and Control Systems by IEEE*, 2021.
2. Aishwarya Sahoo, Archana Bhatia, Mohini Bhawe, Ria Dharmani, Kajal Jewani. Decentralized Energy Trading in *International Journal of Innovative Science and Research Technology*, 2020.

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## Industry

**Software Development Engineer**, CarTrade Tech Ltd.

7/2021 - Current

- Developing optimized solutions for the award winning team CarWale abSure, and maintenance of two major microservices which facilitate communication and authentication.
- Also developed the employee performance evaluation for the Engineering & Technology department.
- Contributed to major features like used car price valuation which gives predicted price of a used car, dent map visualization which gives idea about imperfections present in the car.

**Machine Learning Intern**, Tanmaya Computer

7/2020 - 3/2021

- Worked on a model which answers questions from paragraphs using dynamic co-attention networks
- Worked on a project which predicts the deterioration of COVID 19 using deep neural networks

**Undergraduate Intern**, VESIT Renaissance Cell

12/2019 - 1/2020

- Developed a website and admin dashboard for the Goonj Foundation which has functionalities like inventory maintenance, and finding out the most optimum path to transport relief.

**Android Development Intern**, Edgistify

5/2019 - 6/2019

- Worked on the data acquisition application and tracking app involving different use cases of the operations team.

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## Key Projects

**Smart Underwriting – A Personalized Virtual Agent for BE Project**

8/2020 - 4/2021

- A chatbot that uses natural language processing to mitigate the process of claiming insurance and resolving other queries for users.

**Automated Society Security Task for Project Deep Blue**

10/2020 - 1/2021

- A web application that uses deep learning and internet of things to make a society secure by recognizing/registering and recording the temperature of a user.

**Decentralized Energy Trading using Blockchain** for *TE Project*

8/2021 - 3/2020

- A platform for users to do P2P trading of energy in a transparent and decentralized manner to make the process more secure and cost efficient.

**EHR Management System using Blockchain** for *Smart India Hackathon*

10/2020 - 1/2021

- A platform for users to do P2P trading of energy in a transparent and decentralized manner to make the process more secure and cost efficient.

## Outreach

**Teaching Volunteer**, U&I, Mumbai

7/2022 - Current

- Teaching for a weekend program where unprivileged, local students are taught school subjects like Mathematics and Science.

**Teaching Volunteer**, Kshamta, Mumbai

9/2019 - 3/2020

- Teaching for a bi-weekly program from WeChange organization where unprivileged, local girls are taught subjects like Mathematics and English.

**Executive Committee** (2021) & **Senior Technical Officer** (2020), Computer Society of India, VESIT

- Technical mentor for the college society where students work on the website and android application
- Conducting seminars related to Computer Science subjects like Object Oriented Programming, React JS, Data Science and Machine Learning.

**Social Responsibility Incharge**, Computer Science Branch.

8/2017 - 5/2018

- Ensuring class participation in activities like Blood donation campaigns, Plastic waste recycling, Beach cleaning and flagship event Umeed where funds are raised for NGOs.

**Senior Reporter**, VESIT Connect.

8/2018 - 4/2021

- Writing reports on various campus happenings, and ensuring students remain connected with the school alumni through various talks and interviews.

## Honors and Awards

- *High flier award* and *Developer of the Month award* for the feature dent map visualization at CarTrade Tech Ltd.
- *Rockstar Team award* for the whole team for outstanding performance in the Engineering & Technology Department.
- Awarded *first prize* by Indian Society of Technical Education, VESIT for group discussion.
- *Finalist* in Project Deep Blue 2020.
- *Academic Excellence Award* by high school for being a rank holder in HSC and SSC.

## Certifications

- Deep Learning Specialization by *deeplearning.ai*
- Tensorflow Specialization by *deeplearning.ai*
- Bertelsmann powered Data Science Track by *Udacity*.