

Aishwarya Sahoo

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Education

Vivekanand 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%

Publications

1. Aishwarya Sahoo, Jatin Bhagchandani, Manasee Palsule, Sneha Lalwani, Mannat Doultani. Smart Underwriting – A Personalized Virtual Agent in *IEEE's International Conference on Intelligent Computing and Control Systems*, 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.

Experience

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.
- 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.
- Developed the performance evaluation system for the Engineering & Technology department.

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.
- Teaching assistant for the course Data Science for undergraduate students.

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 for the operations team.

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.
- Authentication of a user by Facial Recognition and Digital Signature.

- 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.
- Electronic Health Record Management System** for *Smart India Hackathon* 10/2020 - 1/2021
- A web application that facilitates easy management of ledgers of patient records through GraphQL and Blockchain.
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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 undergraduate Computer Science students who worked on the CSI website and android application
 - Conducting talks and seminars related to Object Oriented Programming, React JS, Blockchain, 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.
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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 outstanding team 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.
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Certifications

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