**VEDANT SAHAI**

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**Educational Qualifications:**

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| **Sr. No.** | **Particulars** | **Name of the Institute** | **Year** | **%/CGPA** |
| 1 | I.C.S. E | Thakur International School | 2014-2015 | 93 |
| 2 | H.S.C | Nirmala College of Science & Commerce | 2016-2017 | 83 |
| 3 | BE (third year) | Fr. Conceicao Rodrigues College of Engineering | ongoing | 9.41(cgpa) |

**Academic Activities:**

* Technical Editor for Fr CRCE college magazine “Fragmag-2018.”
* Conducted a workshop on “Deep Learning” by Shaunk de for TEs and on “Introduction to Arduino” for the FEs at Fr CRCE in the year 2018.

**Achievements:**

* Runner up of “Techno Talks” competition held during technical fest ‘Crescendo’ in the year 2018 at Fr.CRCE, Mumbai.
* Team Leader and Winner of Smart India Hackathon 2019 software edition, conducted by MHRD, Gov. of India, at Chennai.
* Secured 5th position at India Singapore Hackathon 2019, conducted by MHRD, Govt. of India and Govt. of Singapore, at Chennai.
* Secured 4th position at AI Hackathon, conducted by Tata Motors and Symbiosis Institute of Technology, Pune.

**Publications:**

* M. Mehra, Vedant Sahai, P. Chowdhury and E. Dsouza, "Home Security System using IOT and AWS Cloud Services," *2019 International Conference on Advances in Computing, Communication and Control (ICAC3)*, Mumbai, India, 2019, pp. 1-6, DOI: 10.1109/ICAC347590.2019.9089839.

**Technical Skills:**

* Programming knowledge in C, Python, JAVA, JavaScript, HTML5, CSS, Bootstrap.
* Good knowledge of Machine Learning, Deep Learning, NLP, Blockchain and fair knowledge of Computer Vision.
* Can work efficiently in WINDOWS and LINUX.
* Deployed projects using DevOps tools such as Docker.

**Training & Certification:**

* AWS Innovate Online Conference 2019 on Machine Learning and AI and AWS Online Summit 2020 attendee.
* “Machine Learning and AI using Python” training conducted by ATS Learning Solution in association with Microsoft.
* Udemy courses on
* “Graph Theory Algorithm” by William Fiest
* “Automate the Boring Stuff with Python” by AI Sweigart
* “Blockchain A-Z™: Learn How To Build Your First Blockchain” & “Machine Learning A-Z: Hands-on Python & R In Data Science” by [Kirill Eremenko](https://www.udemy.com/course/machinelearning/#instructor-1), [Hadelin de Ponteves](https://www.udemy.com/course/machinelearning/#instructor-2), [SuperDataScience Team](https://www.udemy.com/course/machinelearning/#instructor-3), [SuperDataScience Support](https://www.udemy.com/course/machinelearning/#instructor-4)
* “Build Responsive Real-World Websites with HTML5 and CSS3” by Jonas Schmedtmann
* CognitiveClass.ai course on
  + “Deep Learning Using TensorFlow” by IBM

##### Coursera courses on

##### “AI for Everyone” and “Deep Learning Specialization” by deeplearning.ai

##### “AWS Fundamentals: Going Cloud-Native”, “AWS Fundamentals: Migrating to the Cloud” and “AWS Fundamentals: Building Serverless Applications” by AWS

* JP Morgan Software Engineering Virtual Experience by InsideSherpa.
* Five days online Student Development Program “Grooming for Placements by Industry Experts” organized by the Computer Engineering department of Fr. Conceicao Rodrigues College of Engineering from 24th May-28th May 2020.

**Experience:**

* Two-month internship at Mumbai International Airport Limited (GVK) in the IT department as a software developer in collaboration with the Wipro team.
* Worked with team Mavericks UAS of Fr.CRCE, a technical team that works on the development of drones and other aerial vehicles for 1 year ( 2018-19).

**Projects:**

* COVID19 Face Mask Detection for College
* Classification of skin diseases using Convolution Neural
* K-Yantra, an IIT Mumbai initiative
* Leveraging Conversational AI for Secure Healthcare Assistance
* Presenting Obstacles Around an Airport Aerodrome Using Google Earth Pro and HereMaps API on a web-based App
* Context Classification from audio conversations
* Attentiveness and Attendance Detection Problem/Current Situation
* Medical Analytica
* Deepfakes with Keras-GANs
* Sentiment Analysis with Deep Learning using BERT & PyTorch

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