**VEDANT SAHAI**

302, Maheshwari CHSL, Plot no.80, Opp. Pragati Vidyalaya, Gorai-2, Borivali (w), Mumbai – 00092 Cell No. 9969863873| Email vedantsahai18@gmail.com | DOB 18 MAY 1999

**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 TE students at Fr CRCE in the year October-2018.
* Attended and Conducted multiple workshops on “Introduction to Arduino” for the FE students at Fr CRCE in the year September-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.

**Conferences:**

* 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, Computer Vision and NLP.
* 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 conducted by Amazon.
* “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 [SuperDataScience Team](https://www.udemy.com/user/superdatascience-team/), [Hadelin de Ponteves](https://www.udemy.com/user/hadelin-de-ponteves/) & [Kirill Eremenko](https://www.udemy.com/user/kirilleremenko/)
* “Build Responsive Real World Websites with HTML5 and CSS3” by Jonas Schmedtmann
* “Deep Learning Using TensorFlow” by Cognitive Class.ai.

##### Coursera courses on

##### “AI for Everyone” and “Deep Learning Specilization” 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.

**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 vechiles for 1 year ( 2018-19).

**Projects:**

* Classification of skin diseases using Convolution Neural.
* K-Yantra, an IIT Mumbai initiative, to develop know-how for setting up an automated agriculture project.
* 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 (SMART INDIA HACKATHON 2019).
* Context Classification from audio conversations (SYMBIOSIS AI HACKATHON 2019).
* Attentiveness and Attendance Detection Problem/Current Situation (INDIA SINGAPORE HACKATHON 2019).
* Medical Analytica (A chat companion to make the user feel better and to track analysis of the user’s behaviour with blockchain technology to store the medical records in IPFS)
* Understanding Deepfakes with Keras (guided projects on Coursera)
* Sentiment Analysis with Deep Learning using BERT (guided projects on Coursera)
* Generate Synthetic Images with DCGANs in Keras (guided projects on Coursera)

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