**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:**

* Worked with team Mavericks UAS of Fr.CRCE in the year 2018-2019.
* 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”, “Automate the Boring Stuff with Python”, “Blockchain A-Z™: Learn How To Build Your First Blockchain”, “Build Responsive Real World Websites with HTML5 and CSS3”, “Machine Learning A-Z: Hands-on Python & R In Data Science” and “ Deep Learning Using TensorFlow” by Cognitive Class.ai.

##### Coursera courses on “Neural Network and Deep Learning”, “Structuring Machine Learning Projects”, “AI for Everyone”, “Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization” by deeplearning.ai and “AWS Fundamentals: Going Cloud-Native”, “AWS Fundamentals: Migrating to the Cloud” & “AWS Fundamentals: Building Serverless Applications” by AWS

* Two-month internship at Mumbai International Airport Limited (GVK) in the IT department as a software developer in collaboration with the Wipro team.
* JP Morgan Software Engineering Virtual Experience by InsideSherpa.

**Completed/Ongoing 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 (There is a wave of emotional instability among people who are on a downward spiral in life or are going through hard times. We have developed a chat companion to make the user feel better and to track analysis of the user’s behaviour. Chat endpoints have been secured using jwt and the website is provided with SSL feature)
* Understanding Deepfakes with Keras and Sentiment Analysis with Deep Learning using BERT (guided projects on Coursera)