Jhanvi Arora

12, Shreeji Apartment
Pushpakunj Society,
Kankaria, Ahmedabad-380028, India
+91-7016862307 | arorajhanvi38@gmail.com

OBJECTIVE:

Delve deeper in the domain of Computer Science by augmenting my skillset and seeking prospects that enable me to exercise my gained skills. Evolving via a growth-oriented career to leverage effective skills as a professional while working with an organization and enrich my experience through continuous learning and teamwork.

ACADEMIC QUALIFICATIONS:

Degree/Course	College/Institution	Board/University	Year	Aggregate
BTech (Information and Communication Technology)	School of Technology, Gandhinagar, India.	Pandit Deendayal Petroleum University	Ongoing 2016-2020(future)	9.28 CPI (current) (Up-to 7th semester)
H.S.C	Vedant International School, Ahmedabad, India.	C.B.S.E (Central Board of Secondary Education)	2015-2016	92%
S.S.C	Seventh Day Adventist Higher Secondary School, Ahmedabad, India.	I.C.S.E (Indian Certificate of Secondary Education)	2013-2014	87.3%

AREAS OF INTEREST:

- Artificial Intelligence and Machine Learning.
- Natural Language Processing.
- Data Mining.

TECHNICAL SKILLS:

- **Programming Languages Known:** C, C++, Java (Core), assembly language, MATLAB, Python, Arduino, HTML, CSS, JavaScript.
- **Database:** MySQL, SQLite, Oracle.
- **Tools and Technologies/Platforms:** Eclipse (Neon, Oxygen), Atom, PyCharm, Google Colab, NetBeans, MATLAB, Scilab, Atmel Studio, Arduino Compiler, Rasa, Botpress.

PROJECTS UNDERTAKEN:

- **E-auction System:**

- o Description: A dummy model of object-oriented concept-based application system where buyers and sellers can come together and exchange products at comfortable cost.
  - o Tools/Technology: Java.
- **Signature Recognition and Fraudulence detection:**
  - o Description: A combination of image processing and machine learning based approaches to distinguish the signatures and identify the forgery confidence for each class.
  - o Tools/Technology: Python, Machine Learning tools.
- **Rhetorical Analysis and Classification of Poem Text:**
  - o Description: Using Natural Language processing to detect the rhetorical devices in poems and applying machine learning to the features to get a similarity between the writing patterns.
  - o Tools/Technology: Python, Natural Language Processing, Machine Learning.
- **Person Retrieval Based on Cognizable Human Descriptions:**
  - o Description: Applying deep learning techniques to surveillance videos to identify a person amongst it with eye-catchy human descriptions like cloth colour, physique and gender.
  - o Tools/Technology- Python, Deep Learning and Machine Learning methods.
- **Sentiment Filtration of Social Media Data:**
  - o Description: A minor project to explore the potential strategies of Sentiment extraction from the popular public opinion expressions, also with a keenness to optimize huge data processing strategies.
  - o Tools/Technology- PySpark, Natural Language Processing, Machine Learning

PREVIOUS EXPERIENCE:

- **VATSALYA FOUNDATION** (10th June'2017- 29th July'2017)**:**
  - o Job Role- Educationist/Teacher.
  - o Job Type- Rural/Social Internship.
  - o Job Description- Educate children of Rural Areas on Subjects of importance such as English, Maths and Science as well as monitor and record their progress for survey.
- **FUSION INFORMATICS** (5th June'2019- 5th August'2019)**:**
  - o Job Role- Chatbot Developer.
  - o Job Type: Technical Internship.
  - o Job Description- Using Natural Language Processing and Machine Learning algorithms to make use-case specific chatbots which interact with the users.

TRAINING:

- Program on Disaster Management (Rescue and Relief)
  at **Gujarat Institute of Disaster Management** (21st January- 22nd January' 2017)

- Course in Optical Fibre and Mobile Communication
  at **BSNL Regional Training Centre** (11th June'2018 – 30th June'2018).

PRESENTATIONS AND PUBLICATIONS:

- Jhanvi Arora, Utkarsh Pandya, Saloni Shah, Nishant Doshi (2019), 'Survey: Pollution Monitoring using IoT', *The 14th International Conference on Future Networks and Communications (FNC), Procedia Computer Science, Vol. 155 (Pg. 710-715).* Co-authored and orally presented paper at FNC-2019 conference proceedings held in Halifax, Canada.

ACHIEVEMENTS:

- Received award for academic Excellence in School in Grade 12.
- Qualified for North-West Region and won school level recognition for creative writing.
- Received excellent remark certification for performance at the BSNL Training programme.
- Semi-Finalist of the Group Discussion Contest, 'Clash of the Titans' held at Pandit Deendayal Petroleum University.

SEMINARS:

- "Start-ups: Process, Challenges & Future in India" By Mr. Jatin Kataria, GloCal Missionary And Serial Entrepreneurial strategist.
- Distinguished Expert Talk on "Cyber Security" by Prof. Kamlesh Bajaj (Mentor Professor, NIIT University, Neemrana)
- "Advanced Challenges in VLSI Technology and Design" by Mr. Pranav Joshi, E-Info chips.

PERSONAL DETAILS:

- **Name:** Jhanvi Arora
- **Father's Name:** Pravin Arora
- **Date of Birth:** 09/05/1999
- **Nationality:** Indian
- **Languages Known:** Hindi, English.
- **Personal Skills-** Problem Solving, effective communication skills, team management.

REFERENCES:

Can be presented upon request.

DECLARATION:

I hereby declare the aforementioned information is true to my knowledge and I bear the responsibilities of the correctness of the same.

Place – Ahmedabad, India

Name- Jhanvi Arora