Parth Rohilla

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Education

- **Thapar Institute of Engineering and Technology** — Patiala, Punjab
  Bachelor of Engineering in Electronics and Computers; CGPA: 9.11/10 — *Aug. 2015 – Jun. 2019*
- **Amity International School** — New Delhi, India
  Senior Secondary School Certification; Percentage: 93 — *2013 – 2015*
- **Amity International School** — Gurgaon, Haryana
  Secondary School Certification; CGPA: 10/10 — *2011 – 2013*

Skills and Coursework

- **Programming Languages**: Java, Python, SQL, HTML, CSS.
- **Development Tools and Frameworks**: GIT, Maven, Postman, JIRA
- **Core Subjects**: Data Structures and Algorithms, Machine Learning, Database Management Systems

Experience

- **Amdocs** — Gurgaon, India
  Software Engineer — *Jul 2019 - Present*
  - Develop order orchestration product to streamline and automate the product delivery - using Java, Springboot and amdocs's private inline tools.
  - Handle development and infra failures. Responsible for failure analysis and correction.
  - Deployment of product over SIT and production environments.
  - Develop automation scripts to help check environment sanity and expedite regression testing - using Groovy and shell scripts.
  - Support SIT, pre-production and production environments.

- **Thapar Institute of Engineering and Technology** — Patiala, Punjab
  Research Intern — *Jul 2018 - Aug 2018*
  - Worked with Dr. PS Rana, Asst Prof. TIET, to create an application for classifying music audios into their genres using machine learning algorithms.
  - An ensemble system which outperformed basic algorithms was created.
  - Paper titled "Automated Music Genre Classification of Audio Signals using Ensembling" was published in ICMLDS 2018.
  - Software and Frameworks : SKLearn, Numpy, Matplotlib, Spyder(python IDE).

Projects

- **Image Caption Generator using Deep Learning**
  Libraries and Frameworks : Keras, Numpy, Pandas
  - Implemented CNN and RNN to create a model that generates captions for images.

- **Facial Emotion Detection using ConvNets**
  Libraries and Frameworks : openCV, Keras, Numpy
  - Developed Convolutional Neural Network(CNN) to create a deep learning model that classifies facial emotions in real time.

Achievements

- Awarded merit scholarship by Thapar Institute of Engineering and Technology for being among the top performers in the respective department.