MADHAV MALIK

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Education:

- CGPA **8.71**(till 6th Semester), B.E., CSE, Thapar Institute of Engineering and Technology.
- **94%**, All India Senior Secondary School Certificate(C.B.S.E), Apeejay School, Jalandhar.
- **89.8%**, Matriculation(I.C.S.E), St. Joseph's Boys' School, Jalandhar.

Academic Achievements:

- **Codechef** Long contest rating **6928 (global)/5017 (country)**.
- Secured a rank of **2090** out of **17000** teams in **Codechef Snackdown 2017**.
- Runner up in **Switch coding** event organised by **OWASP**.
- Completed **Machine Learning** Course by Andrew Ng, **Stanford University** from Coursera with 93.1% grade.
- Completed **Version Control with Git** by Steve Byrnes, Atlassian
- Completed **Python for Everybody** Specialization, **University of Michigan** from Coursera with 100% grade.

Experience:

- **Software Engineering Intern** at **American Express**   *(January 2019 – Present)*
    - **Automation of Human Resource Internal Job Posting**
      A web application that focuses on automating the current procedure of Internal Job Posting in American Express. Applicants can view the openings for a job they are interested in by inputting the requisition number or by searching the job by name and the entire information can be send to the applicant by email or can be downloaded onto the local machine.
    - **Languages/Frameworks Used –** HTML5, Python, Flask, Jinja

Projects:

- **C++ Projects:-**
    - **Text Editor**:-
      In this project a fully functional notepad like text editor was made using Qt IDE.
    - **Alpha:-**
      A video player for playing small files supporting mp3,mp4,avi formats made using Qt IDE.
- **Machine Learning Projects:-**
    - **Browser Automation** for growing LinkedIn connections:-
      Automation of Google Chrome for logging into LinkedIn and finding a particular field of people and sending connection requests to them automatically using Selenium Webdriver.
    - **Analysis** of **Iris** Dataset:-
      Worked upon the iris dataset that contains the data that classifies various species of flower. Executed 10 classification models on this particular dataset with each giving a different accuracy then ensembling models that were run previously to improve the accuracy.

Activities and Societies

- **Creative Computing Society (CCS):**
    - Organised and made questions for the event **Coder of the Year** conducted on HackerEarth.
- **Computer Society of India(CSI):**
    - Organised and made questions for the event **Code Runner** conducted on Hackerrank.