Saransh Goyal

Email-id : **goyalsaransh002@gmail.com**
Mobile No : **(+91)9092444387**
Date of Birth: **23 SEPTEMBER, 1997**
Current Address: **58/10, Bharathi Residency Maheshwari Nagar ,Bengaluru,Karnataka- 560048**
Permanent Address: **D-165, JawaharNagar Bharatpur,Rajasthan - 321001**

ACADEMIC DETAILS

2020-Present	**B.Tech – Computer Science** Vellore institute of Technology, Vellore	**8.78** (till sem-VII)
2014-2015	**Senior Secondary Examination – Class XII** SR International School, Bharatpur (Raj.) Board of Secondary Examination, Rajasthan	**89.20%**
2012-2013	**Higher Secondary Examination – Class X** St. Peter School, Bharatpur (Raj.)	**10 CGPA**

WORK EXPERINCE

- **INTERN** - Hewlett Packward Enterprise.
  (Under:Kedar Vaze, Jan'20 – July'20)(present)
    - **Objective**: Using Machine Learning to identify recurrence of a known bug with 90 perc accuracy based on the triage data.
    - With same Bugid there are multiple duplicate triages. for each triage we have to check its multiple logs files.(approx 20min)
    - This tool will predict whether a bug is duplicate or not.
    Tools and technologies used: python, ML libraries,Natural language processing.

PROJECTS

- **Simulation of Molecular Dynamics Using OpenMp and SIMD:**

    - Molecular-dynamics simulation is a well-progressed numerical method that shows the use of a suitable algorithm to solve the classical equations of motion for atoms with a known inter atomic potential.
    - At each time stamp, calculation of KE and PE is done and also the relative error in the total energy.
    - For np=2000, execution time is reduced from 7 min to 70 seconds.
    - **Used**: C, OpenMp, SIMD.

- **Web Enabled Interactive, Dynamic And Authenticated Work Order System :**

    - This is an important application useful for the organization that wants to do its work in suitable time.
    - The administrator of the company will view the orders placed by the Customer. He will then analysis the customers order and chooses an appropriate worker for that customer.
    - After the end of the day the worker is requested to update the status of his work.
    - **Used:** HTML, CSS, PHP, Java Script, MySQL , XAMPP .

ACCOMPLISHMENTS

- **Competitive Programming**

    - **Codeforces:**goyalsaransh002, max rating: **1400**. Solved **125+** problems.
    - **Hackerrank:** goyalsaransh002, have solved about **80+** problems.
    - **Acm reverse coding 2017**: Got 2nd rank at a coding event out of 100+ teams .
    - **Codathon 2017**: Got 8th rank at a coding event out of 200+ teams .

SKILL SETS

- **Programming Languages:** C, C++(STL),,python(basic), **Field:** Data Structures and Algorithms(DSA),Machine Learning, **Database Used:** MySQL , **Operating Systems:** Windows, Linux(Ubuntu), **Tools and Services:** Codeblocks, Idle Python, Matlab , R Studio.

- **Hobbies:** Sport programming, Social Networking, Playing badminton, solving puzzles, willingness to learn team facilitator.

Extracurricular

- Gravitas 2017 Volunteer,Marathon 2018 coordinator.