Harsha Vardhan Charagondla

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SUMMARY OF QUALIFICATIONS
- Graduate CS Student seeking internship opportunities
- Software Engineer with 9 months of experience

EDUCATION
University of Southern California, Los Angeles, USA   Aug 2021-May 2023
Master of Science, Computer Science
Courses: Analysis of Algorithms, Database Systems, Web Technologies, Machine Learning
CMR College of Engineering & Technology, Hyderabad, India   Aug 2016-Sep 2020
Bachelor of Technology, Computer Science & Engineering   GPA: 3.8/4.0

SKILLS
- **Programming Languages:** Python, C++, Java, C
- **Database Technologies:** SQL, Oracle, MongoDB, PostgreSQL
- **Web Technologies:** HTML, CSS, JavaScript, ReactJS, Nodejs
- **Tools and Libraries:** NumPy, Pandas, Matplotlib, Seaborn, SVN, Git, Bash

WORK EXPERIENCE
Netcracker Technology, Hyderabad, India   Nov 2020-Jul 2021
Junior Software Engineer
- Worked as a **Junior Developer** in multinational telecommunications projects like Ooredoo and British Telecom.
- Collaborated with the ICE (International Centre of Expertise) custom team to provide defect path resolutions for high priority issues.
- Implemented and deployed change requests and code enhancements to the existing solutions.

PROJECTS
Feature Detection through Energy Audits   Jan 2020-Apr 2020
- Calculated and performed extensive analysis to enhance the way appliances consume energy and achieve energy conservation.
- Trained machine learning models like KNN, Naïve Bayes Classifier and Decision Trees.
- Generated Classification reports and Confusion matrix for accuracy.

Result Analysis and Prediction   Aug 2019-Oct 2019
- Performed result analysis of students data to improve students performance and to produce a detailed report using report lab tools.
- Trained and obtained results using a Multivariate regression model.

Blood Mobi   Sept 2018-Oct 2018
- Lead a team of five people to plan and execute the project.
- Created an android application that connects blood donors and receivers in a particular location.

ACTIVITIES
Course Grader, USC, Los Angeles, CA, USA   Jan 2022-Present
- Responsible for grading quizzes, homework, midterms, and final exams of CSCI 585 Database Systems.
- Hold office hours to respond to student's questions regarding the concepts explained during the lecture.
- Respond to the queries on Piazza, which is an online intuitive platform for instructors to efficiently manage class Q&A and to simulate real class discussion.

Student Mentor, USC, Los Angeles, CA, USA   Dec 2021-Present
- Help new Viterbi graduate students(mentees) adjust smoothly to life at USC and Los Angeles under the Viterbi Graduate Mentorship Program.
- Help incoming students by clearing their doubts regarding courses and curriculum.

Student Coordinator, CMRCET, Hyderabad, India   Jan 2019-Nov 2019
- Conducted training sessions related to coding for juniors through coding club.
- Scheduled sessions every weekend so that they can discuss with their fellow peers.
- Helped juniors a lot in raising their coding standards.

Student Organizer, Azura fest, CMRCET, Hyderabad, India   Dec 2018
- Organized and managed a technical event in the college fest.
- Prepared and conducted multiple levels of coding tests.
- Presented goodies to the top 3 winners and other stuff for all the participants as a token of participation and encouragement.