YASH HARESHBHAI CHANCHAD

Los Angeles, CA - 90007 | 323-244-6307 | chanchad@usc.edu | www.linkedin.com/in/yashchanchad | yashchanchad.github.io

SUMMARY OF QUALIFICATIONS

Creative and team-oriented Software Developer, with keen interest in problem-solving and software development.

EDUCATION

University of Southern California, *Los Angeles, USA*   August 2019-May 2021
Viterbi School of Engineering | Master of Science in Computer Science
GPA: 3.68/ 4.00
Courses: Fundamentals of AI, Analysis of Algorithms, Fundamentals and Applications of Data Mining, Database Systems, Web Technologies

Charotar University of Science and Technology, *Anand, India*   July 2015-May 2019
Chandubhai S. Patel Institute of Technology | Bachelor of Technology in Computer Engineering
CGPA: 9.02/ 10.00
Courses: AI, OS, DM, DB, Advance Web Technology, Analysis of Algorithms, Software Architecture, Theory of Computation

SKILLS

- Programming/ Scripting Languages: Python, Java, C++, C, Scala
- Web Technologies: Angular, React, Node.js, Express.js, PHP, JavaScript, Bootstrap, REST APIs, Flask , HTML5, CSS.
- Databases and Cloud Platforms: MySQL, Oracle DB, PostGIS, NoSQL, Google Firebase, Google Cloud Platform (GCP)
- Frameworks, Tools and Platforms: Git, Spark, PyCharm, Web Strome, VS Code, Android Studio, NetBeans.

WORK EXPERIENCE

CoSAFE, USA | Software Development Intern   June 2020-Present
- Lead a team of application developers and develop a progressive web application in React with Redux Data Store.
- Design NoSQL database and integrate data with Google Maps API to display Safety Score and details of restaurant.

Aspirebit Technolab, India | Software Development Intern   December 2018-June 2019
- Developed a scalable web application in PHP and database in MySQL for Video Status Application.
- Created API in PHP for Mobile Applications to retrieve and update data: acted as team leader of project.

Aspirebit Technolab, India | Web Development Intern   May 2018-August 2018
- Managed databases in MySQL and analyzed customers' feedbacks to provide insights to marketing team.
- Redesigned web application by extracting insightful data from customers' feedback, results in increment of new users.

PROJECTS

eCommerce Platform | *Angular, Node.js, Express.js, Flask, Android, TypeScript, GCP*   May 2020-June 2020
- Used Flask with Node.js in backend to fetch search results from eBay APIs, acted as a proxy server.
- Designed frontend in Angular and used Bootstrap 4 to make website responsive, further deployed it on GCP.
- Built an Android application for users to search for products available on eBay along with product details.

Recommendation System | *Python, Spark*   February 2020-March 2020
- Combined model-based and item-based CF method for predicting ratings of Business IDs based on Yelp Dataset.
- Utilized the Default Voting technique for training item-based model to eliminate problem of missing data in dataset.

Halma Game Playing Agent | *Python*   September 2019-October 2019
- Devised a game-playing agent in Python to play and win against another game-playing agent or human player.
- Implemented Minimax Algorithm with Alpha-Beta Pruning for gameplay, it increased efficiency of agent by 80%.

Enterprise Resource Planning | *PHP, JS, MySQL, Bootstrap*   June 2019-July 2019
- Created application for live visibility of whole manufacturing pipeline, increased productivity of employees by 2x.
- Optimized stock management feature to improved inventory utilization by eliminate dead stock.

BYS Security System | *Python, Raspberry Pi*   August 2017-November 2017
- Integrated motion detection and image capture modules in Python and added live streaming feature on Raspberry Pi.
- Programmed customizable mailing feature of Gmail in Python and tailored it with existing modules to send real-time updates to owner; brainstormed each month in team to get new ideas.

ACTIVITIES

- Leaded team of 4 volunteers for Web Application Development of Cognizance Technical Festival at CHARUSAT.
- Implemented a smart welcome robot in team at Cultural and Sports festival (Spoural) at CHARUSAT.