YASH HARESHBHAI CHANCHAD

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EDUCATION

University Of Southern California, Los Angeles, California   August 2019 – May 2021
Viterbi School Of Engineering
Master Of Science In Computer Science (Data Science)
GPA : 3.6
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
Courses: AI, OS, DM, DB, Advance Web Technology, Analysis of Algorithms, Software Architecture, Theory of Computation

SKILLS

- Languages: Python, C++, C, Java, Spark, Scala
- Databases: MySQL, Oracle DB, PostGIS
- Platforms and Tools: VS Code, Cisco Packet Tracer, Orange, NetBeans, PyCharm, Sublime Text 3, MS Office, CodeBlocks, Wamp Server

- Web Development: Node.js, Angular, Flask, HTML5, CSS, PHP, JavaScript, Bootstrap, AJAX, WordPress, REST API
- Embedded Systems: Raspberry Pi
- Mobile App Development: Android Studio
- Cloud Platforms: Google Cloud Platform

EXPERIENCE

Aspirebit Technolab, Surat, India   December 2018 – June 2019
Project Intern
- Developed a scalable web application and database for Video Status Application in PHP and MySQL respectively.
- Created API in PHP for Mobile Application Developer to retrieve and update data acted as team leader of project.

Aspirebit Technolab, Surat, India   May 2018 – August 2018
Intern
- Managed databases on MySQL and governed various admin panels for applications.
- Designed and engineered various websites using WordPress and hosted it on servers; explored insightful data to enhance customers feedback.

PROJECTS

Halma Game Playing Agent | Python   September 2019 - October 2019
- Developed a game-playing agent in Python that can play against another agent or human player.
- Implemented Minimax Algorithm for gameplay using Alpha-Beta Pruning, which increased efficiency by 80%.

Video Status Application | MySQL, PHP   December 2018 - June 2019
- United MySQL for database management and PHP with Bootstrap for developing Admin Panel; also built team.
- Conserved time of Android Developers by building REST API in PHP to make mobile application efficient and personalized the data according to function.
- Administrated Google Firebase for sending personalized notifications via PHP from Admin Panel; benefited Advertisement team and resulted in 15 % increment in Active User's.

Home Automation with Alexa | Python   September 2018 - November 2018
- Created Python Script, to turn on/off lights using trigger "Turn on/off the light"; also linked necessary accounts together for interoperability.
- Executed by connecting various devices and modifying Python Script; Alexa also works as virtual personal assistant.

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; brainstormed each month in team to get new ideas.

CERTIFICATIONS

- Machine Learning by Stanford University on Coursera.   May 2019
  Credential ID: VRH844T4FB3B