CHIRAG JAIN

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Conscientious & creative, with professional experience in national organization & start-up. Proficient, detail-oriented software developer & web-designer, seeking to leverage my skills in your company to bring fast, intelligent solutions to the intern position.

WORK EXPERIENCE

WEB DESIGN INTERN - EMPEROR SOLUTIONS (INDORE, INDIA)   **MAY' 17 - JULY' 17**
- Worked on front end of products for enhancing usability up to 30% and improved appearance.
- Provided simple, strategic solutions for user interface, increasing the usability and workability.
- Tested products for functionality, usability, interface and database using testing tools like Selenium.

INDUSTRIAL TRAINEE - *DEPT. OF ATOMIC ENERGY* (INDORE, INDIA)   **JUNE' 16 - AUG' 16**
- Implemented Ethernet & Serial Communication using Arduino & P89V51RD2 microcontroller.
- Set up high speed Ethernet link between data receivers & processors while ensuring conformity.

DESIGNING & BRANDING HEAD - *TLC, INDIA* (INDORE, INDIA)   **SEPT' 14 - MAR' 17**
- Designed graphics for the organization and headed it, escalating its brand value manyfold.
- Marketed events on social media to expand customer base resulting in 200% increased profits.
- Formulated strategies to promote emerging brands by conducting launching events.

CAMPUS AMBASSADOR - *FLUXUS, IIT INDORE* (INDORE, INDIA)   **NOV' 15- APR' 16**
- Devised methods to increase the customer penetration leading to surged customer involvement.
- Managed member and customer databases to analyze the current trends.

EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE   **FALL 2017 - SPRING 2019, GPA - 3.4**
MASTER OF SCIENCE IN COMPUTER SCIENCE

RAJIV GANDHI TECHNICAL UNIVERSITY, INDORE   **MAY 2017, GPA - 3.6**
BACHELOR OF ENGINEERING IN ELECTRONICS & COMMUNICATION

LANGUAGES & SOFTWARES

C, C++(Efficient)	Python(Efficient) .	SQL(Efficient)	HTML5, CSS3(Efficient)
Jupyter Notebook	Eclipse, NetBeans	Agile Development	Firebase, Heroku
MATLAB	Weka, DataPreparator	IntelliJ	GitHub
Adobe Photoshop	Adobe Illustrator	Corel Draw	Cisco Packet Tracer

PROJECTS

DETECTION OF INFLUENCERS IN TWITTER **- PYTHON, NEURAL NETWORKS**   **FEB' 18 - MAY' 18**
- Modeled Influence behavior on Twitter using Kaggle data by applying Regression model.
- Implement deep learning using RNN-LSTM to verify the results and reach maximum accuracy.

SHORTEST PATH IN A NETWORK **- OSPF PROTOCOL USING DIJKSTRA'S AND BFS - PYTHON**   **MAR' 18 - APR' 18**
- Implemented Dijkstra's Algorithm for Open Shortest Path First protocol.
- Used Binary Min-Heap for obtaining the maximum possible efficiency to calculate shortest path.

FILE COMPRESSOR **- PYTHON**   **FEB' 18 - MAR' 18**
- Implemented Lempel-Ziv-Welch algorithm to encode & decode text data.
- Used dictionary data structure in python to increase efficiency, achieved compression & decompression.

ASK ME (P.W.A.) **- PYTHON, FIREBASE, HTML, CSS, JAVASCRIPT**   **SEPT' 17 - NOV' 17**
- A progressive web app (chat-bot), capable of taking the form of a conventional mobile app
- Location based service and personal chat-bot with the added benefit of its reach to the web.
- Agile methodology used for continuous improvement and delivery.

OFF-CAMPUS HOUSING FORUM **- MYSQL, HTML, C++**   **SEPT' 17 - NOV' 17**
- A system with various off-campus housing options, providing a platform to register, filter options, get connected, book, make payments and help with overall housing search and booking.

BRANDNEWSIGHT **- MATLAB, PYTHON**   **FEB' 17 - APR' 17**
- Interactive interface for visually challenged using Raspberry Pi & MATLAB, interpreted texts, symbols & docs
- Trained through ML techniques to adapt to hand-written text too, it could be trained to interpret any sign.

COURSES

Machine Learning	Algorithms and Data Structures .	Knowledge Discovery in Databases
Database Systems	Software Design & Implementation	Computational-Human Behavior Modeling