KIRAN HIRANANDANI

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SUMMARY

A recent computer science graduate and a multi skilled professional with active contribution to popular state level smart waste management project looking for a full-time software engineer position. Demonstrated leadership skills by delivering projects such as facebook phishing and evaluation of e-commerce products. Strong verbal communication to articulate, define business requirements and a passion to work with people across boundaries and geographies.

EDUCATION

- **Masters in Computer Science - State University of New York at Binghamton - Gpa: 3.7/4.0**   **Aug 2019 - Dec 2020**
  Relevant Coursework : Design Patterns, Software Engineering, Internet of Things, Datastructures and Algorithms, Operating Systems, Data Science, Advanced Cloud Fundamentals, Computer Architecture, Programming Languages - Java,C,Haskell
- **Bachelors in Information Technology - Vivekanand Education Institute of Technology - Gpa: 4.0/4.0**   **June 2015 - June 2019**

TECHNICAL SKILLS

- **Programming Languages:** C,Java,Python,Javascript,R,PHP
- **Operating Systems:** Windows, Linux/Unix, Mac OS
- **Cloud Technologies:** Azure Cloud Fundamentals, AWS
- **Database Technologies:** MySQL, MongoDB
- **Web Technologies:** HTML5, CSS3, Javascript

EXPERIENCE

Research Project Assistant - State University of New York - Binghamton   **Jan 2020 - Present**

- Responsible for managing online courses like Python Programming, Project Management Essentials, Quality Management Fundamentals, Industry 4.0, Sustainability and Systems Engineering for 300+ graduate students at the Office of Industrial Outreach and Continuing Education department.

Web Developer - Saptashree Reality Pvt. Ltd.   **June 2018 - Dec 2018**

- Collaborated with UI designers and backend development teams to construct and implement the front-end interfaces.
- Developed and managed dynamic, responsive and interactive web site to ensure high traffic.
- Good user experience resulting in 50 percent increase in sales of the company.

Data Science - Life Insurance Corporation of India   **June 2017 - Dec 2017**

- Researched data mining techniques to speculate company's sales of new insurance policies with 80 percent accuracy rate.
- Demonstrated proficiency in several areas of data modeling, machine learning algorithms, statistical analysis, data engineering and data visualization.
- Enhanced ability to work with large data sets from multiple data sources.

ACADEMIC PROJECTS

Smart Waste Management System - Software Development   **Jan 2020 - May 2020**

- Implemented a complete garbage removal and disposal system for monitoring garbage bins through Ultrasonic sensors along with a server and a mobile app for garbage collectors to ensure a safe environment, timely maintenance of bins.
- Created a web application for establishing connections between the garbage collectors and transporters.
- The estimated cost for this project may be around 4 Million US dollars per month and reduce 30 percent diseases.

Global Micro Blogging - Data Science with Applied Social Media   **Aug 2019 - Dec 2019**

- Collected, analyzed and interpreted raw data from twitter
- Developed a model with hashtags that collects data from twitter, determines relationships between countries by tackling issues on how tweets originate from different nations and detect network traffic with artificial intelligence algorithms.

Evaluation of E-commerce Products   **Jan 2018 - Sept 2018**

- Created a system for allowing users in decision making while buying products online, facilitating analysis of prices on of shopping websites (Web Mining, Crawling and Scraping).

Digital Locker   **Jan 2017 - Sept 2017**

- Designed to provide a secure dedicated personal electronic space for storing over millions of documents.
- This may save database size of more than 10 terabytes and thereby reduce hardware cost by 50 percent.

EXTRA-CURRICULARS

- Led Cultural Event named 'PRAXIS' and executed social, athletic and recreational activities.
- Presented Business Idea on Cloud Hosting services for Enterprise and Retail Customers - Entrepreneurship Cell.
- Received certificate of appreciation for in-depth analysis on word press plug-ins and responsive theme designs. Involved comparative analysis of advertisers and monetization of blogs.