Akshay Sharma

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EDUCATION

Jaypee Institute Of Information Technology, Noida   *Expected May 2021*
Bachelor Of Technology, Computer Science Engineering
(Courses: Data Structures, Algorithms, DBMS, Artificial Intelligence,
Information Retrieval & Semantic Web, Big Data, Compiler Design,
Social Network Analysis, Machine Learning)

TECHNICAL SKILLS

Programming Languages**:**   C, C++, Python, SQL
Database Servers: SQL Server, NoSQL Server
Web Development: JavaScript, HTML, CSS, Flask, MySQL, Bootstrap, Networkx
Tools: GIT, JSON, SQLite, Linux, Scrapy, Selenium

WORK EXPERIENCE

IN-House Intern | JIIT, Noida   *June 2020 – July 2020*
- Designed a Price Monitoring Tool that retrieves the cheapest price of any particular product, comparing across popular e-commerce websites like Amazon, Flipkart, Snapdeal, etc.
  (Technology: Python, Selenium, Scrapy, Data-Scraping)

PROJECTS - https://github.com/akshaysharmajs

Finance50   *Nov 2018 – Jan 2019*
- Developed a web portal for buying, selling, and retrieving real-time quotations of stocks.
- Quotations retrieved through IEX's data using IEX cloud API.
  (Technology: Python, Flask, SQLite, JavaScript, HTML)

Machine Learning-based Subjective Answer Evaluator   *Aug 2019 – Dec 2019*
- Created a model that is capable of evaluating subjective answers based on a prototype answer considering features such as context similarity, length, and grammatical errors.
  (Technology: Python, nltk, python-rake)

Stock Market Recommendation   *Jan 2020 – May 2020*
- Technical and fundamental analysis of different stocks using supervised/unsupervised learning approaches.
- Used Deep Q-learning Network which can convey whether we should hold, buy, or sell the stocks. (Language: Python, reinforcement learning)

Team Selection using Genetic Algorithm   *Nov 2019 – Dec 2019*
- Developed an artificial intelligence agent using genetic algorithms to select players that are the best fit for a team out of a pool of players based on a fitness function.
  (Language: Python)

HAAC Telecom   *Nov 2018 – Dec 2018*
- Designed a basic telecom interface for prepaid and postpaid users. (Language: C++)

NON-ACADEMIC ACTIVITIES

- Chief Organizer, College's Annual Fest, CONVERGE 2020
- Vice President, College's Dance Society, VamUnique
- Organizer, Duet-Dance competition, JYC WEEK