Kalyan Nikhil

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OBJECTIVE: To obtain Intern position in the field of computer science with an emphasis on software engineering, machine learning engineer or web application development

EDUCATION:

Stevens Institute of Technology, Hoboken, New Jersey
Master of Science in Software Engineering,   **EXP Dec 2021**
GPA: 3.78
Major Subjects:
Python Programming, Deep Learning, Machine Learning, Natural Language Processing

SKILLS:

Languages:
Python, Machine Learning, Deep Learning, Angular, flask, Unit-testing, Debugging, Requirements Analysis, UML, C, C++, Java HTML, Java Script, AWS Tools
Database and Client/Server Technologies:
MySQL, NoSQL, RDBMS
Software:
VS Code, PyCharm, Anaconda, CLion, IntelliJ, Docker-hub, Git-hub, Google-Collab
Operating Systems:
Windows, Linux (Ubuntu, Kali Linux), Mac OSX

WORK EXPERIENCE:

Cedar Information Technology Pvt Ltd, Hyderabad, India
Web Developer Intern**.**   **07/2018 to 08/2018**
- Developed solutions by analyzing requirements and designing, developing and designed software applications for multiple websites
- Represented at team meeting with executives to discuss project goals

ACADEMIC PROJECTS:

Credit Card Fraud Detection(Steven's IT)   **02/2020 to 04/2020**

- Implemented using Deep Learning Algorithms to solve problems of Existing System, only requires   Clustering, Bayesian and Gaussian Networks and applied twelve ML Algorithms to detect fraud, from Standard Neural Network
- Developed hybrid models such as Ada-boost and Majority voting to improve speed of software

Student Database Repository(Steven's IT)   **01/2020 to 04/2020**
- Created student database repository with python and connected it to a local server by flask and jinja2
- Displays student records like grades, major, courses and tutor records like teaching hours, courses, students grades etc

RESEARCH PROJECTS:

Sentiment Analysis Using Deep Learning with BERT

- Deployed Bert base uncase algorithm to train model on dataset(SMILE, Twitter) from Bert Sequence classification library, Tuned hyper-parameters and set gradients to minimum by Adam warmup optimization
- Predicted results as accuracy per class

Facial Expression Recognition with Keras
- Recognizing facial expression such as happy, sad, awkward etc., in video clip or photo using Convolutional neural nets
- Used Keras Framework on Convolutional Neural Networks to build model, exported result as JSON file to website on local server to test results

ACTIVITIES:

- Training and specialization Certifications in Deep Learning, Applied Data Science, Python, Django, HTML, Java Script and Angular Js from Coursera
- Red Brick summit entrepreneurial events participation Certificates from IIMA
- Awarded Merit Scholarship in under graduation for academic excellence, 2015-2019

Links:

https://github.com/starkworld, https://www.linkedin.com/in/nikhil-kalyan-648aa1148/
@Available for hire from Jan 21