

DYLAN SALDANHA

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OBJECTIVE

Seeking to avail procured knowledge and experience to effectively fill the vacancy in your organisation and also to widen both of the above to develop self and organisation.

EXPERIENCE

- NuVeda Learning - Data Science Intern - Jan 2019 to June 2019
Working on "GOL", which aims to quantify a user's learning without having the person take tests. Created reports for users based on their learnings every week. Built a domain based spam document classifier using CNN and Doc2Vec (trained on Google News dataset) with an accuracy of 94%. Built a model using spaCy to extract relevant data like date and time from the user's learnings. Built an ALSTM to predict if the user will post his/her learning on a particular day with an accuracy of 92%. Deployed the above models on to AWS Sagemaker and used AWS Lambda to allow API access to front-end developers. Also, worked with AWS DynamoDB.

EDUCATION

SN.	Education	Year	Scores	Institution
1	Bachelor of Engineering in Computer Science	2019	8.18	Visvesvaraya Technological University
2	Pre-University (XII)	2015	87%	Chethana PU College
3	Secondary Education (X)	2013	87%	St. Joseph's Boys' High School (ICSE)

PROJECTS AND ASSIGNMENTS

- Hydrocarbon Sensing using Seismic Images, classifies images based on the amount of salt, using UNets.
- WeByte, a Python, Flask based programming colosseum that allows users to participate in competitive coding contests
- Analysis of 911 Calls made between 2015 and 2016
- Analysis of Stock Prices of a set of American Banks between 2006 and 2016
- MyStory, a Python, Flask based website in the making, that allows like-minded individuals to bring out their inner Shakespeare on existing works of art.
- Tracking and Analysis of Company Sales and Purchase (Product for a client)
- Graphical Simulation of Dijkstra's Algorithm using OpenGL
- Faculty Feedback and University Attendance Management System
- Basic Chess Engine
- Python Script to automate removal of "Desktop Clutter".

SPECIALISATION AND CERTIFICATION

- Specialised in Python, Data Science, SQL, NoSQL, Flask, Keras, TensorFlow, NLP, Java and JavaFX.
- Certified in
 - Machine Learning by Georgia Tech
 - Data Science and Machine Learning by Pierian Data
 - Core Java Programming
 - Advanced Python Programming by Infosys

SKILLS

- Proficient in Project Management.
- Utilise interpersonal skills to motivate and encourage co-workers, understanding that major goals are achieved through teamwork.
- Able to collaborate with team members, especially during brainstorming sessions.
- Charismatic and confident public speaker.
- Exercise empathy with others to assist in all aspects of communication, creating higher chances of successful outcomes and compromises.
- Well versed with Adobe Photoshop, Final Cut Pro X and Microsoft Suite.
- Identify efficient solutions for given tasks and successfully implement them, aiding in effective problem-solving.
- Tech savvy, with the ability to learn and use new methods, policies and technological advancements as they arise.

HOBBIES AND INTERESTS

- Hobbies
 - Participating in competitive programming (acquired a rank of 63 in Infinity Code Wars 2018 conducted by Indian Institute of Science Bangalore).
 - Playing the piano since the age of 6 and currently a Grade 4 pianist and backup singer in a band.
 - Swimming, to stay fit and healthy.
 - Cooking, to quench that inner foodie's thirst.
- Interests
 - Data Science, as it facilitates individuals to make better informed decisions.
 - Machine Learning, due to which machines can self learn without being explicitly programmed.
 - Deep Learning, trying to simulate a human brain would fascinate anyone.

GOALS

- To publish a book within the next 2 years on how anyone can learn Deep Learning.
- Become a Data Scientist within the next 5 to 6 years and try to tackle real world problems like rare diseases et cetera.
- To bring about a change in the Indian Education System so as to boost the quality of personnel from India.

LANGUAGES

Well versed in English, Kannada, Hindi and other local languages.