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Programming

Python ★★★★★
SQL ★★★★★
Java ★★★★★
PostgreSQL ★★★★★
C ★★★★★

IDE, Framework

PyCharm ★★★★★
SublimeT ★★★★★
Notepad++ ★★★★★
Eclipse ★★★★★
Flask ★★★★★

OS Preference

Windows ★★★★★
GNU/Linux ★★★★★
MacOS ★★★★★
Unix ★★★★★

Languages

English ★★★★★
Hindi ★★★★★
Marathi ★★★★★
Gujrati ★★★★★
Sanskrit ★★★★★

SrujanBandarkar

Software Engineer

Education

- 2017 - 2019 **Master's Degree in Computer Science** [University Of Central Florida, Orlando](#)
Curriculum Machine Learning and Software Development. **GPA - 3.85/4**
Main subjects: Machine Learning, Artificial Intelligence, Design and Analysis of Algorithms, Computational Complexity, Data Intensive Computing, Automated Synthesis of Computing Systems.
- 2013 - 2017 **Bachelor's Degree in Computer Engineering** [University Of Mumbai, India](#)
Curriculum Software Development. **GPA - 3.65/4**
Main subjects: Object Oriented Programming, Algorithms, Data Structures, Computer Organization and Architecture, Distributed Database Management, Mathematics.

Work Experience

- 05/18 - Now **Machine Learning Intern** [Verata Analytics, Oveido, United States](#)
•Designed a parser using NLP concepts which extracts relevant data from structured and unstructured (Medical) documents used for major business initiative. (Spacy, Pandas, Numpy).
•Worked on RESTful Web API using Flask Framework in Python 3.6 to implement HTTP methods like GET, POST, PUT, DELETE.
•Working closely with the team for design structure, and used data types like dictionaries, tuples and object oriented concepts based inheritance for making complex algorithms of networks, also involved in writing stored procedures using PostgreSQL.
•Used GIT for version control.
- 02/18 - 05/18 **Graduate Research Assistant** [University of Central Florida](#)
Worked on building machine learning models and conducting experiments to detect relevant patterns for I/O access time. Setting up High-performance computing clusters. (Jupyter Notebook, TensorFlow, Seq2seq, Python (Pandas, NumPy, Scikit)).
- 01/18 - 08/18 **Graduate Teaching Assistant** [University of Central Florida](#)
Worked with Professor Dr. Whiting throughout the semester to help her design assignment and quizzes for course Oriented Programming and Human-Computer Interaction Object. Main responsibilities were to Grade tests, exams, essays, quizzes and record them using UCF Grading Tool. Managed over 210 students who took the course.
- 05/18 - 08/18 **Adjunct Professor (Voluntary)** [School for Blind and Deaf, Mumbai, India](#)
Collaborated with the instructional team in planning units and taught a unit to the instructional team, in which they were facing difficulties at "Mukka Badhir"(School for Blind and Deaf school in Mumbai).

Projects

- 02/18-05/18 **Performance Evaluation of NLP Applications Using Distributed Tensor-Flow On Spark** [University Of Central Florida](#)
Designed and Implemented Deep Neural Nets for standard NLP application like Sentiment Analysis and then optimized the performance by running it on Multiple Clusters on Spark.
- 03/18-05/18 **Implementation of DNS Spoof attack** [University Of Central Florida](#)
Designed and analyzed Cache poisoning and Denial of service attacks and suggested some prevention techniques which could be implemented to reduce the vulnerability of the system to these attacks.
- 09/17-12/17 **Implemented various Machine Learning Models** [University Of Central Florida](#)
Implemented Linear Regression, Lasso Regression, Ridge Regression, Classification, Artificial Neural Networks, Gaussian Mixture Model and support vector machines on Airfoil Dataset and Iris Dataset. (Python-Scikit, Keras)
- 06/16-12/16 **CRM for (ISP)Internet Service Provider** [University Of Central Florida](#)
A Customer Relationship Management software which implements Data Mining Algorithms and categorizes the users into different categories thus enabling the admin(ISP) to analyze his business in a single glance by evaluating the graphs plotted by the software. It also keeps track of the various internet plan which the users are using. (HTML, CSS, PHP) (Research Paper Published in IJSER)
- 06/15-11/15 **Gym Management Software** [University Of Central Florida](#)
Designed a gym management software tailored to the unique needs of gyms. The software helps owners to streamline admin tasks such as class scheduling, inventory tracking, member management, billing, and check-in. (HTML, CSS, PHP)

Srujan Bandarkar