

Niranjan Addanki

addankn@sunvit.edu: •<https://www.linkedin.com/in/niranjan-addanki> •<https://www.github.com/Nir0303> •(315) 790-7850

SUMMARY

Computer Information Science graduate with strong programming skills in developing test-driven applications. Solid understanding of data structures, algorithms, databases, object-oriented design, development principles, and ETL concepts.

EDUCATION

State University of New York Polytechnic Institute, Utica, NY

Jan 16-May 18

Master of Science in Computer and Information Science

GPA-3.8/4.0

Coursework: Big data and geometrical topology, Database Systems, Artificial Intelligence, Machine Learning, Algorithms and Complexity, Crypto Currencies, Programming Languages, Operating Systems, Approximation of Algorithms.

Chaitanya Bharathi Institute of Technology, Hyderabad, India

Sep 08-May 12

Bachelor of Engineering in Electronics and Communication Engineering

GPA-3.4/4.0

Coursework: C and C++ Language, Computer and Architecture, Micro Processors, Micro Controller, VLSI Design.

SKILLS

- Programming (Proficient) in Python, Java, Scala, C.
- Programming (Familiar) in C++, JavaScript, Ocaml.
- Data/Databases: Oracle, Vertica, Netezza, MY SQL, ETL, Pig, Hive, Machine Learning, Power BI.
- Distributed Frameworks: Spark, Hadoop, Hive.
- Libraries: Numpy, Scipy, Django, Flask, Pandas, NLTK, Matplotlib, TensorFlow, Knime, Scikit-Learn, Selenium.
- Markup Language: HTML, CSS, Latex, Markdown
- Version Control: Git.
- Operating System: Windows, Linux, CentOS, Mac.

WORK EXPERIENCE

Disney Parks & Resorts

Aug 17-Present

Data Analytics Engineering Intern

- Working with data analytics team on data collection, extraction and processing using **Hadoop** ecosystem.

Technologies: Java, Python, Hadoop, Hive, Spark, My SQL.

Utica Mutual Insurance Group, Utica, NY

May 17-Aug 17

IT Intern Software Developer

- Worked with data warehouse, on creating user reports using Power BI and troubleshooting stored procedures.
- Worked with test automation team to develop **automation framework**.

Technologies: VB Script, Java, Python, Selenium, Oracle 11g, Power BI.

State University of New York Polytechnic Institute, Utica, NY

Graduate Research Assistant

Jan 16-Present

- Working with Mathematics research team on developing a computational model of retinal blood flow using numerical methods for discretization, visualization, and optimization.

Technologies: Python, UNIX, Numpy, Scipy, Mayavi, Matplotlib.

Student Assistant – Tutor

Jan 17-May 17

- Tutor basic concepts of programming, Object Oriented Programming, Big Data and Machine Learning to graduate and undergraduate students.

Bank of America Continuum Solution, Hyderabad, India

Jul 12-Dec 15

Senior Software Engineer

- Worked with Data warehouse team, which manages revenue generated from different sources.
- Played a key role in Big Data implementation.
- Saved 2-3 daily resource hours by developing applications to enhance batch processing and data quality.

Technologies: Databases (Netezza, Vertica, Oracle 11g), Python, UNIX, Autosys, Cognos, ETL.

PROJECTS

<http://www.niranjanaddanki.herokuapp.com/project>

Retina Segmentation Python, TensorFlow Aug 17-Present

- Working on neural network model for retina segmentation, classification of veins and arteries.

Sentiment Analysis Python, Spark, NLTK Oct 16-Dec 16

- Developed a Machine Learning model for binary classification of restaurant reviews. Trained on curated data and achieved an accuracy of 70%.

EYEDEC Python, Numpy, Scipy

Feb 16-Present

- Working on neural network model for retina segmentation, classification of veins and arteries

Word Application Python, Tkinter, NLTK

Feb 16-May 16

- Developed a desktop application for word auto correction and auto completion.

Guess Who You Are Python, Django,

Jan 17-Feb 17

- Developed a web application to predict social traits of a person using user's social media content.

CSAR Vertica, Oracle, Unix, Cognos

Jan 13-Dec 15

- Used comprehensive approach of data warehousing i.e. at each level from different sources to Oracle layer for data enrichments, from Oracle layer to Vertica layer for reporting purpose.

CERTIFICATIONS

- MapR Certified **Spark** Developer: y52bjvh7ntao
- Lynda.com **Java** Essential Training: 3A7F7405AF4E4F0F9989FED7B413E4D9

- Lynda.com **Python** Essential Training: 99450DF01B36491C8C6F47A34EEEBF50

HONORS

- Earned **Platinum Award**, global recognition award for outstanding work on Netezza to Vertica migration at Bank of America.
- Won **first prize** in Ramanujan Math's Olympiad.