PAVAN KUMAR PEELA

Home Address: 700 Health Sciences Drive Mailbox No.334, Stony Brook NY 11790, USA
www.linkedin.com/in/pavan-peela/ | pavanpeela96@gmail.com | +1 (631)-310-7117

EDUCATION

STONY BROOK UNIVERSITY
M.S. COMPUTER AND INFORMATION SCIENCES
Expected Dec 2019

GITAM UNIVERSITY
B.TECH. COMPUTER SCIENCE AND ENGINEERING
Apr 2017 | GPA: 9.03/10.00

SKILLS

COMPUTER
Java • Python • D3.js • PHP • C++ • AJAX• JavaScript • PL/SQL • HTML5 • CSS • MySQL

TECHNOLOGIES
•Nessus • Splunk • XAMPP • WordPress • Burp Suite • Amazon Web Services • LAMP stack• Hadoop • Spark • TensorFlow

ACHIEVEMENTS

• Deloitte - Spot Award for attention to detail, positive attitude, and work ethic.
• Undergrad - Topped the Class of 2017, Best Coursework Project Award.

COURSEWORK

GRADUATE
Computer System Security
Data Science Fundamentals
Natural Language Processing
Artificial Intelligence

UNDERGRADUATE
Data Analytics
Cloud Computing
Operating Systems
Cryptography and Network Security
Artificial Intelligence and Machine Learning
Database Management Systems
Computer Networks

VOLUNTEERING

• Make a Difference - Oversaw child shelter at Hyderabad.
• Fund Raising Volunteer - Papa Home Orphanage.

EXPERIENCE

DELOITTE USI | ADVISORY ANALYST - CYBER SECURITY
July 2017 - July 2018 | Hyderabad, India
- Designed Splunk Visualizations using D3.js and Developed Applications in Splunk incorporating Data Models for complex machine data of Financial Services.
- Conducted risk assessments and collaborated with clients to provide recommendations regarding critical infrastructure and network security operations enhancements.
- Worked with Incident response team in analyzing real-time threats, part of Security and Operations Center (SOC).
- On hands experience in Anti Money Laundering (AML) and KYC Remediation.

PENA4 TECH PVT. LTD | SOFTWARE DEVELOPER INTERN
May 2016 – June 2016 | Visakhapatnam, India
- Interned directly under the Vice President of Operations.
- Developed Asset Management System Software for the company to optimize their pre-existing system with few inputs from the Data Architects.

COMPUTER SOCIETY OF INDIA (CSI) | VICE PRESIDENT - GITAM CHAPTER
June 2015 - May 2016 | Visakhapatnam, India
- Increased the CSI Student Community from a mere 60 people to over 300 by organizing frequent meetups and influencing people about the society and the work being done.
- Responsible for leading 300 society members in organizing Annual State Level Technical Symposium 'Praudyogiki2016' for which the registrations exceeded over 800, making it the biggest symposium of the University.
- Singlehandedly took Responsibility of developing a website for moving the registrations of the Symposium online making the subtle concept to be 'paperless and go digital' more vibrant in the Symposium.

PROJECT EXPERIENCE

PARAPHRASE DETECTION (STATE-OF-THE-ART SYSTEM) - NLP
Fall 2018 | Side Project | Stony Brook University
Implemented a state-of-the art paraphrase detection system using (BiMPM) model, for each, matching and aggregation layers and added an additional Attention layer which further increases the accuracy by 2.4 percent.

REVENUE PREDICTION OF THE GOOGLE STORE (G-STORE)
Fall 2018 | Side Project | Stony Brook University
Developed a prediction model which takes the G-store back-end data logs and produce insights on customer and geographical area wise plots so as the businesses can get a gist of their unstructured data.

ENHANCED RECOMMENDATION SYSTEM USING CLUSTERING AND PARTITIONING
Spring 2017 | Coursework Project | GITAM University
Developed a recommendation system for the Amazon Checkout cart datasets. Increased the accuracy of the results of K-means algorithm by up to 2 percent.

HEALTH MEDICINE RECOMMENDATION SYSTEM
Fall 2016 | Side Project | GITAM University
Developed and Implemented Web based application where the user can enter symptoms and get the medication, book an appointment with a doctor or have a chat with the doctor available using a chatbox built in the application.