Venkata Krishna Mohan Sunkara

214-240-8369 | sunkara.km96@gmail.com
LinkedIn | GitHub

Education

University of Nebraska–Lincoln Lincoln, NE | May 2019 (anticipated)
Master of Science in Computer Science | 4.0 GPA
Relevant Coursework: Introduction to Artificial Intelligence, Data Mining, Machine Learning, Deep Learning, Systems Administration, Algorithms, Probability Theory.

Jawaharlal Nehru Technological University Hyderabad, India | May 2017
Bachelor of Technology in Computer Science | 89.46%

Experience

University of Nebraska-Lincoln Lincoln, NE | August 2017 – Present
Graduate Teaching Assistant
- Supervise lab sessions and set up an automatic web grader for programming assignments.
- Assist in preparing and grading the assignments.

University of Nebraska-Lincoln Lincoln, NE | June 2018 – August 2018
Machine Learning Research Assistant
- Conducted Machine Learning research in the College of Architecture for the use of deep learning techniques in the field of Architecture.
- Developed and experimented the use of GANs and VAEs on 3D architectural data and wrote C# code for converting 3D Mesh objects to Voxels.

Infosys Ltd Mysore, India | January 2017 – May 2017
Software Development Intern
- Managed a team of 6 developing an Online Bus Ticket Reservation application using AngularJs.
- Actively participated in Scrum meetings and acted as Scrum master during the entire project.

Previous Experience
- Web Development Intern for ECIL, Developed an Online Mobile Store using JavaScript and MySQL.

Technical Skills

Java, Python, Node.js, Angular 4, MongoDB, SQL, Git, HTML/CSS, C#, C++, Docker, AWS, TensorFlow, Keras, NLTK, Android Studio, MATLAB, UNIX, R and various python packages.

Projects

Unrest Event Classification and Analysis
Project that analyzed the unrest events in India and classified news articles as unrest or not using several Machine Learning and Natural Language Processing techniques.

Defense Against Adversarial Examples
Project that tested Ensemble techniques as a defense mechanism against several Adversarial attacks on Deep Neural Networks.

Recordatorio
An Android mobile application which acts as a reminder, and automatically changes the mobile device to silent mode at specified times, developed using Android Studio.

Certifications

- CS50X – Harvard University
  Statistical Learning– Stanford Online
  Python Fundamentals for data science – Udemy

Activities

Wipro Hackathon Participant
Honors award Recipient
Organizer for technical presentations.