

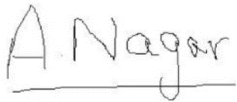
September 20, 2021

### Certificate of Achievement

We are thrilled to recognize **Eshan Iyer** for completing advanced level deep-dive *Artificial Intelligence workshop* conducted online from June 7 to August 6, 2021 by the University of Texas at Dallas Computer Science department. We covered the following topics in this nine-week intensive workshop with lectures & hands-on assignments on all weekdays:

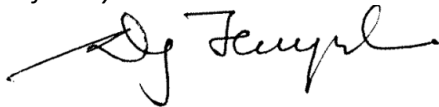
Python programming, tools for data analysis such as numpy, pandas, graphics, various file formats, loading into data frames and performing basic statistical operations, introduction to machine learning, with examples and real-life scenarios. AI/ML model building – decision trees, neural networks, etc., Deep Neural Nets using TensorFlow, Convolution Neural Nets (CNN) and Recursive Neural Nets (RNN), Model Evaluation – accuracy, error, ROC curve.

Eshan applied the knowledge gained in this workshop and completed a project titled **Fake News Detection with NLP** in the final weeks of this workshop. He also did an impressive demo & presentation in the final week. In summary, Eshan exhibited very strong technical skills and soft skills in this camp. Based on this camp, we are confident that he will be very successful in both graduate education & professional career. We wish him all the best!



**Dr. Anurag Nagar**

*CS faculty & Lead Instructor*



**Dr. Dung Huynh**

*CS Department Head*



**Sai Yoshitha Gali**

*Instructor #3 & CS graduate student*



**Dr. Jey Veerasamy**

*Director of Center for CS Education & Outreach*



**Viswas Bethapudi**

*Instructor #2 & CS graduate student*