# Day of Data Science

**MARCH 22, 2023 ● 9:00 AM - 3:00 PM ● UNT GATEWAY CENTER**

## TIMES & SPEAKER DETAILS

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 9:00 AM    | 9:10 - 9:50 AM  
Keynote - The Future of AI in Healthcare is Converged  
Cortnie Abercrombie - CEO, AI Truth |
| 9:50 AM    | BREAK                                                            |
| 10:00 AM   | LIGHTNING TALKS                                                  |
| 10:00 - 10:10 AM | Education and Research  
Dr. Junhua Ding - Reinburg Endowed Professor in Data Science, UNT Department of Information Science |
| 10:15 - 10:25 AM | VR/AR/XR Research for Emergency Response and Data Visualization  
Dr. Sharad Sharma - Professor of Data Science, UNT Department of Information Science |
| 10:30 - 10:40 AM | Knowledge Beyond Language with Vector Embeddings  
Dr. Ting Xiao - Assistant Professor, UNT Department of Information Science |
| 10:45 - 10:55 AM | Data Science for Multiple Fields: From Model Construction to Data Quality  
Dr. Haohua Chen - Clinical Assistant Professor, UNT Department of Information Science |
| 11:00 - 11:10 AM | What Kind of Data Scientist do you want to be?  
Shad Griffin - Senior Client Engineering Data Scientist, IBM Technology |
| 11:10 - 11:20 AM | Using Machine Learning to Bridge Customer-Facing Apps and Operation Teams  
Dr. Jiankun Liu - Software Development Manager, Amazon Web Services |
| 11:20 - 11:30 AM | How to Increase Success on Data Science Projects  
Brisa Ponce - Data Analytics Director, Peterbilt Motors |
| 11:30 - 11:40 AM | Projects and Challenges at Source Infotech  
Asim Badar - Accounts Executive, Source InfoTech Inc. |
| 11:40 - 11:50 AM | Staying Valuable in a ChatGPT World  
Dr. Michael Monticino - Professor, UNT Toulouse Graduate School |
| 12:00 - 1:00 PM | LUNCH |
| 1:00 - 1:40 PM | STUDENT POSTER SESSIONS |
| 1:40 - 1:50 PM | DATA SCIENCE RESEARCH TALKS                                       |
| 1:50 - 2:00 PM | Advantages of Bounded Linear Computations in AI/ML  
Dr. Beddu Morali - Clinical Associate Professor, UNT Department of Computer Science & Engineering |
| 2:00 - 2:10 PM | Secondary Data as a Source for Research  
Dr. Rose Baker - Associate Professor, UNT Department of Learning Technologies |
| 2:10 - 2:20 PM | The Future of Work with AI  
Seemit Sheth - Head of Modeling & Machine Learning, USAA |
| 2:20 - 3:00 PM | Investigating Code Generation Performance of ChatGPT with Crowdsourcing Social Data  
Dr. Yunhe Feng - Assistant Professor, UNT Department of Computer Science & Engineering |
| 3:00 - 3:10 PM | Panel Discussion - Real-World Impact of Ethics in AI  
Dr. Mark Albert, Dr. Sahar Behpour, Dr. Yunhe Feng, Shad Griffin, Saurabh Parkash |

---

**MARCH 22, 2023**

**9:00 AM - 3:00 PM**

**UNT GATEWAY CENTER**

**Keynote - The Future of AI in Healthcare is Converged**

Cortnie Abercrombie - CEO, AI Truth

**Education and Research**

Dr. Junhua Ding - Reinburg Endowed Professor in Data Science, UNT Department of Information Science

**VR/AR/XR Research for Emergency Response and Data Visualization**

Dr. Sharad Sharma - Professor of Data Science, UNT Department of Information Science

**Knowledge Beyond Language with Vector Embeddings**

Dr. Ting Xiao - Assistant Professor, UNT Department of Information Science

**Data Science for Multiple Fields: From Model Construction to Data Quality**

Dr. Haohua Chen - Clinical Assistant Professor, UNT Department of Information Science

**What Kind of Data Scientist do you want to be?**

Shad Griffin - Senior Client Engineering Data Scientist, IBM Technology

**Using Machine Learning to Bridge Customer-Facing Apps and Operation Teams**

Dr. Jiankun Liu - Software Development Manager, Amazon Web Services

**How to Increase Success on Data Science Projects**

Brisa Ponce - Data Analytics Director, Peterbilt Motors

**Projects and Challenges at Source Infotech**

Asim Badar - Accounts Executive, Source InfoTech Inc.

**Staying Valuable in a ChatGPT World**

Dr. Michael Monticino - Professor, UNT Toulouse Graduate School

**How to Increase Success on Data Science Projects**

Brisa Ponce - Data Analytics Director, Peterbilt Motors

**Projects and Challenges at Source Infotech**

Asim Badar - Accounts Executive, Source InfoTech Inc.

**Staying Valuable in a ChatGPT World**

Dr. Michael Monticino - Professor, UNT Toulouse Graduate School

---

**LUNCH**

**STUDENT POSTER SESSIONS**

**DATA SCIENCE RESEARCH TALKS**

**Advantages of Bounded Linear Computations in AI/ML**

Dr. Beddu Morali - Clinical Associate Professor, UNT Department of Computer Science & Engineering

**Secondary Data as a Source for Research**

Dr. Rose Baker - Associate Professor, UNT Department of Learning Technologies

**The Future of Work with AI**

Seemit Sheth - Head of Modeling & Machine Learning, USAA

**Investigating Code Generation Performance of ChatGPT with Crowdsourcing Social Data**

Dr. Yunhe Feng - Assistant Professor, UNT Department of Computer Science & Engineering

**Panel Discussion - Real-World Impact of Ethics in AI**

Dr. Mark Albert, Dr. Sahar Behpour, Dr. Yunhe Feng, Shad Griffin, Saurabh Parkash
<table>
<thead>
<tr>
<th><strong>TITLE</strong></th>
<th><strong>PRESENTER</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A Novel Automatic EEG/SEEG Pre-Processing Pipeline for Optimizing Studies of Deep Brain Signals &amp; Seizure Prediction</td>
<td>Brandy Xie</td>
</tr>
<tr>
<td>Applied Machine Learning to Detect Fraudulent of Financial Transaction Using JPMorgan Chase Dataset</td>
<td>Ngoc Dao</td>
</tr>
<tr>
<td>Continuous Anticipation of Acute Kidney Injury in the ICU using Time-Gated LSTMs</td>
<td>Mohammed Zubairuddin</td>
</tr>
<tr>
<td>Decentralizing Agricultural Intelligence: Leveraging Blockchain based Federated Learning for the Benefit of Smallholder Farmers and Food Security</td>
<td>Meghana Patibandla</td>
</tr>
<tr>
<td>Discovering Insights in Disaster Informatics Research Before and During the Pandemic</td>
<td>Ngan Tran</td>
</tr>
<tr>
<td>Information Flow and Perception of the Fourth Industrial Revolution</td>
<td>Daniel Agbaji</td>
</tr>
<tr>
<td>Infusing Ethics into AI and Data Science Pedagogy</td>
<td>Mimi Byun</td>
</tr>
<tr>
<td>Keyword-based Augmentation Method to Enhance Abstractive Summarization for Legal Documents</td>
<td>Huyen Nguyen</td>
</tr>
<tr>
<td>Mitigating Occupational Stereotypes ion Image Search with Artificial Creativity</td>
<td>Colton Clemmer</td>
</tr>
<tr>
<td>Neural Receptive Field Modeling Using Efficient Coding in a Mobile App</td>
<td>Rhea Pookulangara</td>
</tr>
<tr>
<td>#NoMore: An Analysis of Topics and Sentiments Indicative of the War in Ethiopia</td>
<td>Ijay Kaz-Onyeakai</td>
</tr>
<tr>
<td>Replies to Incivility that Deescalate the Conflict</td>
<td>Ashley Zhao</td>
</tr>
<tr>
<td>Opportunity to Stop Cyberbullying with A Single Click</td>
<td>Tingkai Guan</td>
</tr>
<tr>
<td>Summary of Discussions of ChatGPT on Social Media with Topic Models</td>
<td>Olivia Wang</td>
</tr>
<tr>
<td>Uncover Marginalized Narratives of Japanese American Incarceration: An Annotation Scheme for Natural Language Processing and Data Analytics</td>
<td>Roopesh Maganti</td>
</tr>
<tr>
<td>Assessing Financial Journalism by Using Novel ML Technique: Evidence from FAANG + Shares by using 8-K Reports and Variability of Stock Price of USA</td>
<td>Mohotarema Rashid</td>
</tr>
<tr>
<td>Towards Evaluating the Impact of Incentive/Non-incentive Reviews on Customers' Decision-making</td>
<td>Kate Kargozari</td>
</tr>
<tr>
<td>Predicting the 3D Structures of Non-Crystalline Materials</td>
<td>Lavinia Pieptea</td>
</tr>
</tbody>
</table>