

# RAM KADIYALA

☎ 240-756-8427 | ✉ [contact@rkadiyala.com](mailto:contact@rkadiyala.com) | [in linkedin.com/in/1024-m](https://www.linkedin.com/in/1024-m) | [github.com/1024-m](https://github.com/1024-m) | [rkadiyala.com](https://rkadiyala.com)

## EDUCATION

<b>Masters in Machine Learning</b> <i>University of Maryland, College Park</i>	<b>Aug 2022 - May 2024</b> <i>College Park, MD</i>
<b>Graduate Certificate in Data Science</b> <i>University of Maryland, College Park</i>	<b>Aug 2022 - May 2023</b> <i>College Park, MD</i>

## EXPERIENCE

<b>Research Assistant   RVR&amp;JCCE</b> <ul style="list-style-type: none"><li>Built ensembles with LLMs for classifying social media texts for various medical research tasks.</li><li>Compared results from various approaches, published findings in ACL.</li></ul>	<b>Jan 2024 – May 2024</b>
<b>Research Assistant   VVIT</b> <ul style="list-style-type: none"><li>Contributed to pre-processing a mix of geographically diverse retina image datasets.</li><li>Built models for identifying optical disk and optical cup regions for accurate diagnosis of glaucoma.</li></ul>	<b>Aug 2022 – Jan 2024</b>
<b>Research Assistant   RVR&amp;JCCE</b> <ul style="list-style-type: none"><li>Assisted in building models for bias detection / clickbait in Telugu news articles and newspapers.</li><li>Contributed to building models to identify the reliability of each of the news sources for each domain.</li></ul>	<b>Aug 2022 – Jan 2023</b>
<b>ML &amp; IoT Intern   Bolt IoT</b> <ul style="list-style-type: none"><li>Contributed to Building ML Models a smart humidity, lighting, and temperature management project.</li><li>Integrated the models with programmable IoT devices for automation.</li></ul>	<b>Feb 2021 – Apr 2021</b>
<b>Founder   Black Ops Esports</b> <ul style="list-style-type: none"><li>Established and led an E-sports organization for over 3 years, mentoring teams across 12 games.</li><li>Built Image-Time Series models in the latter years for making better strategies in Battle Royale games.</li></ul>	<b>Nov 2018 - Apr 2022</b>

## PUBLICATIONS

<b>Multi-class Emotion detection on highly imbalanced data.</b> <ul style="list-style-type: none"><li>Built models for multi-class emotion detection from user essays on highly imbalanced data using RoBERTa-large.</li><li>Finished 1st out of 121 teams : WASSA 2023 - Task 1.</li></ul>	<b>ACL 2023</b>
<b>Word-Level Text Boundary Detection in Partially machine generated texts.</b> <ul style="list-style-type: none"><li>Built models for detecting text boundary in partially AI generated, 30% improvement over proprietary systems.</li><li>Finished 1st on seen generators and 6th on unseen generators out of 308 teams : SemEval 2024 Task 8.</li></ul>	<b>NAACL 2024</b>
<b>Can LLMs Understand Social Media Texts Without Context ?</b> <ul style="list-style-type: none"><li>Built models to classify threat level and target groups in low-resource code-mixed languages social media texts.</li><li>Finetuned various models : LLAMA-2, Mistral-v2, etc.. Compared with proprietary models : GPT4, Claude Opus</li></ul>	<b>Withdrawn</b>
<b>Ensembles of Transformers and LLMs for Medical Text Classification.</b> <ul style="list-style-type: none"><li>Built LLAMA3-Bart-Large ensemble models for classification of social media texts for medical research tasks.</li><li>Finished in top 3 in all tasks : SMM4H 2024 Task 3, 5 and 6.</li></ul>	<b>ACL 2024</b>
<b>Cross-lingual emotion detection through Large Language Models.</b> <ul style="list-style-type: none"><li>Built models using LLMs to evaluate effectiveness in sentiment analysis cross-lingually.</li><li>Finished 1st out of 72 teams with a large lead : WASSA 2024 - Task 2.</li></ul>	<b>ACL 2024</b>
<b>Can Large Language Models Serve as Reliable Psychometric Analysts ? (Ongoing)</b> <ul style="list-style-type: none"><li>Building models to predict personality and psychological traits of users through their texts history.</li></ul>	<b>ACL 2024</b>

## TECHNICAL SKILLS

**Languages:** Python, C, HTML/CSS, JavaScript, SQL, R, MATLAB, LaTeX, Markdown  
**Technical:** AWS, Google Cloud, Prompt Engineering, Gradio, SEO, UX Design, Open AI API,

## CO-CURRICULAR ACHIEVEMENTS

**International Mathematics Olympiad 2015 :** Rank 283 out of over 700K  
**International Mathematics Olympiad 2014 :** Rank 183 out of over 650K  
**International Mathematics Olympiad 2013 :** Rank 389 out of over 650K  
**International Mathematics Olympiad 2012 :** Rank 110 out of over 650K