

NEWSLETTER

SPRING SEMESTER 2024

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AI Club

at Michigan State University



AI Club

Our mission

At AI Club, we aim to establish ourselves as the central hub for all things AI. To achieve this, we are dedicated to educating and empowering the students in our club with the necessary tools and skills to leverage this powerful technology, which remains largely inaccessible to a vast majority of both our community and the broader world. To further these objectives, we have made it our mission to provide educational workshops, engage students in complex and detailed projects, and foster collaborations with technical experts in the field. Our goal is to ensure that everyone has the best opportunities and resources available for learning.

At its core, this newsletter serves as a platform to celebrate the accomplishments and skills of all our members. We take great pride in each individual who becomes a part of our community, and it's our pleasure to celebrate their successes. Moving forward, we remain committed to supporting one another and extending our assistance to anyone interested in Artificial Intelligence, thereby enabling us to evolve into better versions of ourselves and contribute to shaping the future. We express our gratitude once again to everyone who supports us as we journey through the rest of the semester.

Preface

Dear Esteemed Members, Generous Donors, Valued Partners, and Beloved Community,

As we navigate through another enriching semester, it brings me great joy to share with you the remarkable progress of our club. I am thrilled to share updates on our club's growth by showcasing our club's new talent, partnerships, and products. We look forward to finishing this semester strong with innovative projects, engaging workshops, and fresh talent. Looking ahead, we would like to acknowledge our commitment to increasing diversity in the field through fostering a diverse club network and representation in leadership. We look forward to showcasing the collective brilliance of our club at the end of semester event and celebrate the dedication and contributions of our members.

In extending our collaborative reach internationally previously through our partnership with Qatar University, our ongoing collaborations with esteemed institutions such as ETH Zurich promise to elevate the scope of possibilities for our community in the near future. We are proud to be the voice of AI at Michigan State and the AI hub for students that we envision to be. We are committed to nurturing a vibrant ecosystem that fosters education and entrepreneurship as we continue to expand our horizons in our pursuit of delivering enriching experiences and transformative opportunities to our members.

With warm regards,
Sania Sinha

Workshops

Workshops are the cornerstone of our club, offering members the opportunity to cultivate essential skills in AI. Our dedicated team diligently guides us through various AI techniques and educates us on its diverse applications. Given the myriad possibilities, these workshops serve as invaluable resources for our members.

Spring Kickoff *WORKSHOP #0*

Kicking off with a general welcome meeting rather than a workshop, our Spring Kickoff event welcomed all students back for another thrilling semester! We explored some of the most exciting AI milestones

in the broader community to date and discussed what this semester has in store. Additionally, we participated in group activities and icebreakers to foster connections within the club.



Video Generation *WORKSHOP #1*

During this workshop, we explored AI video generators, which often produced hilarious and surprisingly accurate results from simple text prompts. While these tools are still in their infancy, it was fascinating to witness the capabilities of computer

vision within a short time. We also discussed the current limitations, such as challenges with camera movement. Nevertheless, we remain eager to witness future advancements in this field!

Workshops

GPT Assistants *WORKSHOP #2*

As various companies continue to integrate AI assistants into our daily lives, people are increasingly empowered by their helpful applications. Even without programming knowledge, utilizing these resources can significantly impact individuals' lives. Whether it's

speeding up article browsing or providing insightful information in an easily accessible manner, these assistants have the potential to maximize productivity and streamline our daily tasks.



Resume Review *WORKSHOP #3*

In this workshop, we were delighted to welcome LBC Peers to provide invaluable tips on how to enhance your resume and ace that all-important interview, leaving a lasting first impression. Crafting a strong resume is crucial for making a positive impact, and we're committed to helping each of you secure your next interview opportunity.

Prompt Hacking *WORKSHOP #4*

We were thrilled to collaborate with the Cybersecurity Club to explore how AI can challenge even the most sophisticated security measures! Given that AI lacks human discretion, it requires careful regulation to prevent potentially damaging actions, such as

inadvertently disclosing streaming service passwords. Interestingly, one effective approach to address this issue is through role-playing exercises. If you're into LARPing, this workshop is tailor-made for you!

Projects

An essential highlight of this semester is the year-long project checkpoints. These checkpoints not only showcase the work of our project teams to the broader community but also recognize their efforts appropriately. These projects are designed to culminate in a final product that our members can take pride in, and in some cases, they may even pave the way for startup ventures!

YEAR-LONG PROJECTS

CoutureLab

With the hours spent glued to the screen coding, who has the time to curate their wardrobe? Enter CoutureLab's innovative team, ready to revolutionize your style game. CoutureLab aims to streamline your fashion choices by leveraging an AI assistant that takes stock of your current wardrobe and suggests transformations. Not stopping there, it also keeps

tabs on your recent outfits, ensuring you're always on point. Featuring a virtual carousel for easy browsing by clothing type and a fashion-savvy chatbot for expert advice, CoutureLab is set to redefine personal style. Excitingly, this project has garnered acceptance into the esteemed Burgess Institute of Innovation and Entrepreneurship, signaling bright prospects ahead.

TaskValet

Feeling overwhelmed by never-ending to-do lists? So are we. That's why our TaskValet team is on a mission to revolutionize the To-Do Application landscape with the power of AI. By harnessing AI to track your habits and seamlessly schedule your events, a conventional to-do list simply won't cut it anymore. Currently, our team has developed a basic prototype, conducted

limited testing, implemented file reading and writing functionality, and made progress on front-end design. Looking ahead, our goal is to deploy a fully functional AI directly in your browser, updating an AI calendar planner in real time. The future looks promising, and we're excited to witness the journey ahead!

Projects

ShopGPT

Have you ever wished for an AI assistant to help you find the best online deals? ShopGPT is here to assist you with that and much more! Scouring through websites such as BestBuy, Target, Walmart, and Amazon, ShopGPT utilizes performance reviews to analyze the optimal options for you.

Thus far, our dedicated ShopGPT team has conducted web scraping, developed the GitHub backend, and made progress on front-end development. They will soon commence deployment, ideally before our wallets are completely drained!

Pet Cues

Curiosity about our pets' thoughts is universal. In our project, the Pet Cues team is dedicated to unraveling the mysteries of dog body language using a Stanford dataset. By interpreting a dog's posture, we aim to understand their emotions at any given moment. Currently, our team is focused on backend

development, with plans to delve into front-end design, interface creation, and other related aspects. Not exclusively for dog enthusiasts, we're excited about the prospect of exploring insights into various other animals as well.

Neurocity

Searching for movie recommendations? Look no further than Neurocity! Their project aims to pinpoint the most captivating parts of a movie for each viewer. To achieve this, they utilize an electroencephalography (EEG) device called Neurocity Crown, which records the user's brain activity during the movie.

Throughout this semester, they've been diligently collecting and visualizing data to uncover significant trends. Currently, they're focused on processing and standardizing the data, while also developing an algorithm to identify favorite moments based on focus probability.

Projects

Notelify

Struggling to stay focused during lectures is a common challenge, and capturing detailed notes at the fast pace they often run can feel overwhelming. Notelify aims to tackle this issue by leveraging audio technology. It begins by transcribing the lecture,

and then swiftly condenses it into detailed notes in real-time, providing a comprehensive summary for your reference. Notelify is nearing completion in its development process, bringing this innovative solution closer to reality.

SEMESTER-LONG PROJECTS

Visual Journal

Introducing our inaugural semester-long project team: Visual Journal. By harnessing the power of AI imagery, they aim to visually depict your life from your unique perspective. Bridging mindfulness with imagery promises an exciting and colorful journey ahead.

Music Genre

This team aims to tackle the challenge of integrating audio inputs into AI systems to classify various sounds. The classification of these sounds could enhance music recommendations for your playlist and potentially even contribute to music generation!

Fake Reviews

The team's objective is to detect fake reviews on e-commerce platforms. By identifying and flagging biased viewpoints, they aim to provide shoppers with a more trustworthy shopping experience. This initiative also extends to improving the reliability of other recommendations based on your shopping experiences.

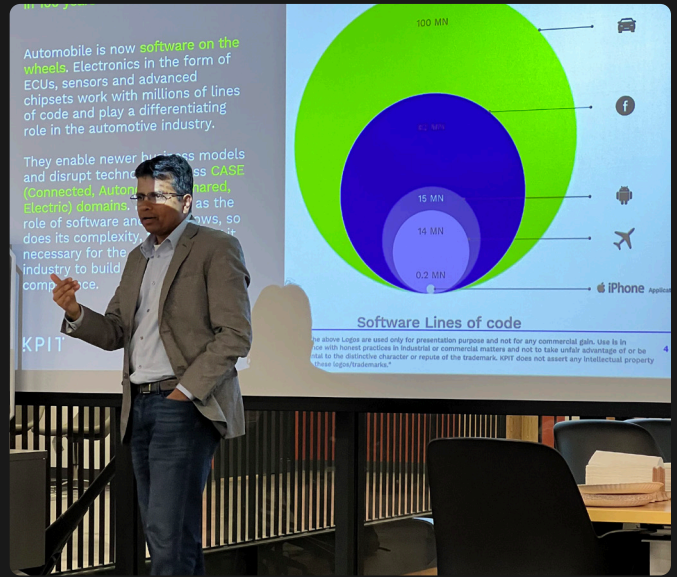
Hand Gesture

The team aims to alleviate technical difficulties during lectures by developing a system that translates hand gestures into adjustments for various settings such as sound, brightness, and other configurations. This innovative application has the potential to simplify instructors' lives and enhance the overall teaching experience.

Guest Speakers

KPIT

In collaboration with ACM, we are excited to announce that we have invited KPIT Technologies to discuss their internship opportunities! KPIT Technologies is a multinational company with a vision to excel in automotive software expertise. During this talk, they will share insights into their goals and provide valuable advice on how to succeed within their organization.



Lyman Briggs College MICHIGAN STATE UNIVERSITY

The significance of making a strong first impression in a job interview cannot be overstated, especially in such a competitive industry. That's why we were thrilled to host LBC Peer Leaders to guide us through the process! Their expertise spans from crafting effective cover letters to navigating the path to graduate schooling, offering invaluable insights to help shape our future careers.

Sponsors

All of this would not be possible without the generous donation from our sponsors. Every group listed here has expressed their enthusiasm toward being apart of this community, and we are beyond grateful for their support. They play a crucial role in supporting what we do here in AI Club, and we can't wait to work with them more in the future.



Most Involved Members

We wouldn't be here without the support of our members. That's why we like to honor those who have truly put their all into attending our meetings and have gained the most out of this club. Our most involved members are rewarded at the end of the semester, so make sure you all keep attending and sign in when you arrive. That way we know who is really invested this year in AI!

Isha Aslam

Lowell Monis

Emily Feuer

Symaedchit Octavius Leo

Pranav Goli

Diego Perez Rosas

Aadhya Pandillapally

Abdulelah Mulla

Andre Sasser

Arshpreet Kaur Khattrra



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