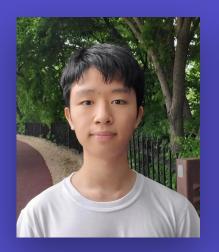# Introduction GA

9/1/21

Execs

Ajay Jayanth
President

Brian Kim
Director of Education

Abhijay Achukola
Director of Competitions

Adheesh Kadiresan
Director of Outreach

What is AIS

- **Mission**
  - **Increase the TAMS community's understanding of AI and applications**
  - **Promote endeavors in AI through competitions, workshops, and general lectures.**
- **Club Activities**
  - **Weekly GAs - Lecture and Code**
  - **Competitions for club members to apply knowledge on to real datasets**
  - **Occasional workshops for specialized applications of AI**

General Assemblies

Lecture & Code GA

- Wed @ <u>9 pm</u>
- Concepts and Theory behind AI and ML utilities
- Followed by Code Overviews of Concepts
- Experience Required: None

Workshops and Competitions GA

- To be Announced
- About Competitions and Specific-Skill workshops
- Experience Required: None

Competitions

- Fall 2021 AIS Competition on Kaggle
  - Use Machine Learning on an interesting Astronomy Dataset
  - Very fundamental and requires no experience
  - Anyone can participate!

- Spring 2021 Competitions
  - More info available soon!

Curriculum

- **Intro to AI**
- **Regression & Classification**
- **Model Enhancement**
- **Clustering**
- **Neural Networks**
- **Reinforcement Learning**
- **Natural Language Processing**

Workshops

- **What are workshops?**
  - **Workshops are specific meetings to practice and deeply develop your Artificial Intelligence skills.**
- **When will workshops take place?**
  - **Schedule will be determined.**
- **Junior Led Workshops**
  - **If you juniors are interested in running your own workshop and teaching your fellow peers AI topics, watch out for our Junior Led GAs!**
  - **Will take place in the second semester**

Volunteering & Internships

- **AI 4 Good - Humanitarian Organization for AI-related projects**
  - **Small & progressive volunteering projects**
  - **Seasonal fellowship programs**
- **ArdenVent - Small Biomedical Engineering organization actively engaging in interesting AI projects**
  - **Volunteering projects**
  - **Internship offers for dedicated members**

More information coming soon!

What if you miss a GA?

Public Github Repository

- **Will hold code files from GAs**
- **Will hold slides from GAs**
- **Will be updated frequently**

Youtube Channel and Facebook

- **GA slides with voiceover will be uploaded onto our Facebook and possibly Youtube Channel**

Word of the Day:
Intro

Check In:
https://forms.gle/MXg4oTtn5ciZez3n8