Azure.Admissions.AI powered by Cloudforce

Technology Synopsis: Hoya Hacks participants will use a combination of **Microsoft Azure** and **OpenAI** services to create an AI-powered Virtual Admissions Bot. The bot is intended to help high school students answer their common questions about going to college, such as the application process and timeline, campus life, paying for school, and the course catalog – all through a simple natural language interface.

Desired Outcome: This track focuses on harnessing the power of the cloud and AI to redefine and streamline the college admissions process. Participants will develop an Azure-based chatbot solution to converse with prospective students on topics relevant to them prior to admission. The bot should be aware of up-to-date information specific to the institution of the participating team and respond with pertinent information to each request. Participants will plan and decide how to complete this task based on tools available and their team's technical ability.

Assessment Criteria:

- **Technology**
  - How creatively and effectively does the solution utilize Azure and it's native AI services?
  - Did teams use a clever technique, or use different components than others?
  - Is the solution feasible to run reliably and cost-efficiently for the long-term?
- **Design**
  - How intuitive is the user interface and overall user experience?
  - How precise are the results based on the reference data?
  - Does the solution demonstrate a potential positive impact on the admissions process for prospective students?
- **Completion**
  - How well does it work?
  - Is the solution well-documented, explaining the technology used and the solution architecture?
  - How effectively is the project presented and communicated to both technical and non-technical audiences?
- **Learning**
  - Did the team demonstrate a willingness to stretch their abilities through learning new tools, services, or techniques?
  - Did the team leverage available resources (including Cloudforce mentors) effectively?

- Did the team work collaboratively, leveraging each member's unique talents and contributions for the benefit of the final solution?

Event Materials:

- Microsoft Azure AI Developer Documentation
- Microsoft OpenAI Service Documentation
- Microsoft Azure AI Studio Documentation
- LangChain Documentation
- LangChain Tutorials
- GitHub Starter Kits and LangChain Sample
  - ChatGPT QuickStart GitHub
  - LangChain Azure function GitHub

Prize Categories

Best **Azure.Admissions.AI** Solution:

1st Place Team (1 per student) – Microsoft Surface Tablet, Cloudforce Duffle Bag, Cloudforce T-Shirt, Microsoft Azure Hat, inclusion in a nation-wide public press release

2nd Place Team (1 per student) – Cloudforce Duffle Bag, Cloudforce T-Shirt, Microsoft Azure Hat, inclusion in a nation-wide public press release