

ARTIFICIAL INTELLIGENCE

AGRP-AI Program

Designed for:
High School, College & International Students
(Available for: F/B/J/E VISA Students).

Take your knowledge and your talent to the next level

“Better Opportunity to gain Admissions to Colleges”

Learn the fundamentals of Artificial Intelligence and Machine Learning from mentors from Harvard showcasing areas of interest to impact the real world. Stand out for college by building research projects under the guidance of PhD mentors on AI areas such as AGRP-Healthcare, AGRP-Finance, AGRP-Political Science,



AGRP-AI Certificate for the program completion



Opportunity to build socially impactful AI project.



AGRP-AI Leadership/ Research Awards available



Interact directly with program instructors



Conduct cutting edge learning opportunities



Gain insights into US university application and admission procedures

Eligibility: High School, College & Int'l Students (including F/B/J/E VISA).

Sessions: (Virtual On-line Courses)

Enrollment Request: contact@agminstitute.org

Contact: (571) 765-7840 Fax: (571) 765-7845



AGM INSTITUTE
www.agminstitute.org

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AGRP-AI

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1. AGM Institute Introduction



“Success is acquired by eagerly engaging in endless challenges and not just by planning”

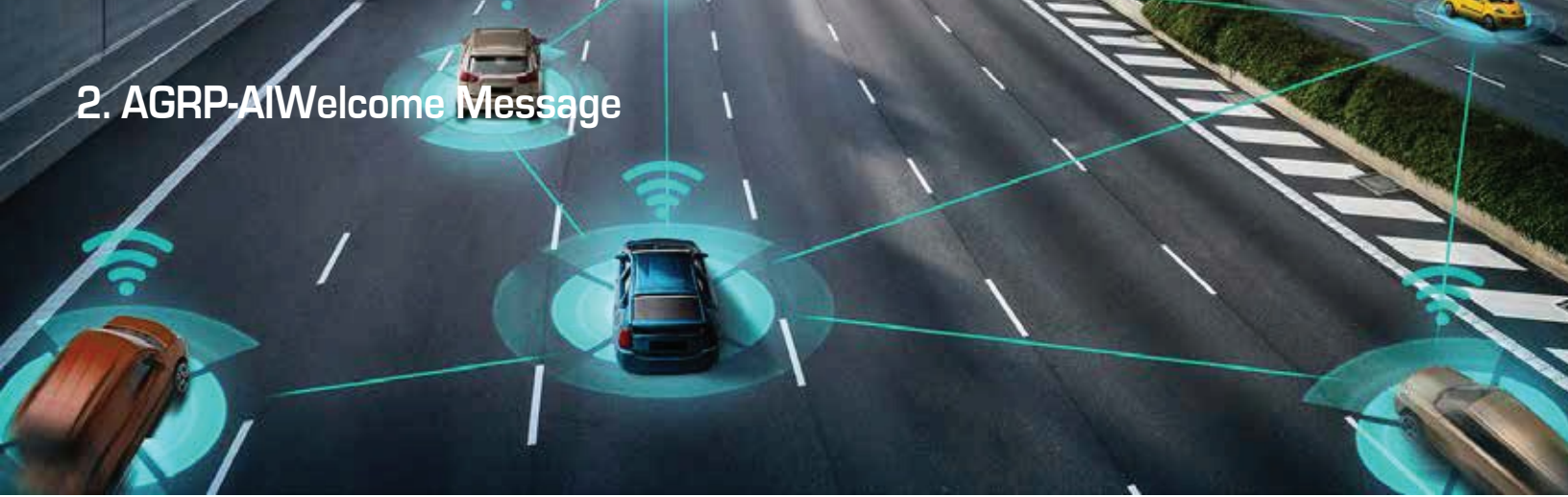
For many of you, figuring out where to go for college, where to find money for college, and who to ask for help has never been more daunting. Since 2004, AGM Institute has been providing most effective solutions for the advanced college planning and need-based college financial aid areas. AGM Institute can help you manage and overcome the entire college financial aid process and provide the opportunity for parents or student to receive the maximum amount of college financial aid and options available.

AGM Institute also offers research programs to students for creative thinking and problem-solving skills to action. With an amazing opportunity for socially-impactful programs that opens doors and empowers high school students to explore their academic passions, develop new skills, and reach their full intellectual potential in every field of interest from STEM subjects through humanities, and social sciences through mentorship research, we look forward to meeting and working with you!

All the best,

AGM Institute

2. AGRP-AI Welcome Message



Dear AGRP-AI(I)&(II) Students and Parents,

Welcome to AGRP-AI(I)&(II) programs offered by AGM Institute. AI is so much more than robots helping humanity in some of the most positive ways. The applications of artificial intelligence are endless and can be overwhelming. In the AGRP-AI programs, we will explore fields such as healthcare, finance, political science, mental health, sports, education, climate change, and more.

Artificial intelligence is a field that is constantly growing and evolving. However, it may not be enough just to know that these are powered by AI as you probably would be wondering how these AI models work and that's exactly what our expert mentors are here to guide you. We will start with the foundational models like linear regression and logistic regression, discuss others like nearest neighbors and decision trees, and eventually cover the algorithms powering the most impressive technologies today like convolutional neural networks and more. You'll be implementing them in a real-world project.

We're excited to be a part of your journey into one of the most exciting fields today. It is an exciting time to be working in AI.

On behalf of everyone at the AGM Institute, we look forward to meeting you soon!

All the best,

AGRP-AI Team at the AGM Institute

3. Program Overview

Welcome to the AGRP-AI(I)&(II) Program

Move to the next level of innovation and technology through advanced AI programs!

As artificial intelligence is rapidly reshaping the world with amazingly broad applications, AGRP-AI(I)&(II) program with the guidance of PhD mentors from ivy leagues and top universities can start students on the field of AI. Working on AI issues with global views and vision in mind, high school students can now start on a journey to explore the AI passion fields interacting with AGRP-AI experts.

Artificial Intelligence is poised to transform almost any discipline and industry in the future in the areas of AI Healthcare, AI Finance , AI Political Science, AI Education, AI Climate Change, AI Education, AI Sports, and more.

AGM Institute has provided an opportunity for an educational experience and the gateway to academic excellence and career development since 2004. AGRP-AI opens doors and empowers students globally to AI and our mission is to provide high school students an opportunity on how to use, think, and solve our growing contemporary problems through Artificial Intelligence. AGRP-AI invites future global leaders in this exciting journey of social impactful AI.

We welcome you to join us!

4. Importance of the Admission Factors in American College

For successful admissions in American colleges, the information submitted on the application is the key factor for the admission to the desired college of choice. Every college application selection process in the United States is determined by point system and the point system method is called Taxonomy. Therefore, college bound high school students should understand the difference and similarity of requirements from each college and prepare academics and activities ahead of time accordingly in order to effectively submit a college application to get accepted to the college of choice. Especially top US colleges and Ivy Leagues naturally have great number of students applying every year making these colleges most competitive and therefore understanding the taxonomy and strategic analysis will greatly influence acceptance to the college of choice.

The Table 1, 2 & 3 below show examples of comparison analysis of colleges applied. One can see that most colleges place a great importance in the activities and the recommendations by the admissions.

Comparison Table by the Importance of Admission Factors (Example)

Table 1

Admission Factors	University of CA (Berkeley)	DUKE University	STANFORD University	BROWN University
Very Important	Academic GPA Application Essay Rigor of secondary school record State Residency	Academic GPA Application Essay Character/Personal Qualities Class Rank Extracurricular Activities Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Class Rank Extracurricular Activities Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Level of Applicant's Interest Recommendations Rigor of secondary school record Talent/Ability
Important	Character/Personal Qualities Extracurricular Activities Standardized Test Scores Talent/Ability Volunteer Work Work Experience	N/A	N/A	Class Rank Extracurricular Activities Standardized Test Scores
Considered	First generation college student	Alumni Relation First generation college student Geographical Residence Interview Level of Applicant's Interest Racial/Ethnic Status State Residency Volunteer Work	Alumni Relation First generation college student Geographical Residence Racial/Ethnic Status Volunteer Work Work Experience	Alumni Relation First generation college student Geographical Residence Interview Racial/Ethnic Status State Residency Volunteer work Work Experience

Table 2

Admission Factors	University of MD (College Park)	Georgetown Univ.	Cornell University	UPENN
Very Important	Academic GPA Rigor of secondary school record Standardized Test Scores	Academic GPA Application Essay Character/Personal Qualities Class Rank First generation college student Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Extracurricular Activities Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Recommendations Rigor of secondary school record Standardized Test Scores
Important	Application Essay Class Rank First generation college student Recommendations State Residency Talent/Ability	Extracurricular Activities Interview Volunteer Work	Class Rank	Class Rank Extracurricular Activities Talent/Ability
Considered	Alumni Relation Character/Personal Qualities Extracurricular Activities Geographical Residence Racial/Ethnic Status Volunteer Work Work Experience	Alumni Relation Geographical Residence Racial/Ethnic Status State Residency Work Experience	Alumni Relation First generation college student Geographical Residence Interview Racial/Ethnic Status State Residency Volunteer Work Work Experience	Alumni Relation First generation college student Geographical Residence Interview Level of Applicant's Interest Racial/Ethnic Status State Residency Volunteer Work Work Experience

Table 3

Admission Factors	BROWN University	UNIV. of Chicago	UNIV. of IL Urbana Champaign	NORTHWESTERN
Very Important	Academic GPA Application Essay Character/Personal Qualities Level of Applicant's Interest Recommendations Rigor of secondary school record Talent/Ability	Application Essay Character/Personal Qualities Recommendations Rigor of secondary school record Talent/Ability	Academic GPA Rigor of secondary school record	Academic GPA Application Essay Class Rank Rigor of secondary school record Standardized Test Scores
Important	Class Rank Extracurricular Activities Standardized Test Scores	Academic GPA Class Rank Extracurricular Activities Volunteer Work	Application Essay Extracurricular Activities Standardized Test Scores Talent/Ability	Extracurricular Activities Recommendations Talent/Ability
Considered	Alumni Relation First generation college student Geographical Residence Interview Racial/Ethnic Status State Residency Volunteer Work Work Experience	Alumni Relation First generation college student Interview Level of Applicant's Interest Racial/Ethnic Status Standardized Test Scores Work Experience	Character/Personal Qualities Class Rank First generation college student Geographical Residence Racial/Ethnic Status State Residency Volunteer Work Work Experience	Alumni Relation Character/Personal Qualities First generation college student Interview Level of Applicant's Interest Racial/Ethnic Status Volunteer Work Work Experience

* <Table 3> shows the huge differences in admission factors for the application reviews between University of Chicago and Northwestern University.

5. AGRP-AI Program Advantages for Participants



AGRP-AI Program Certificate upon completion for all participants



Opportunity to build socially impactful AI project.



AGRP-AI Leadership/Research Awards available for qualifying participants



Interact directly with program instructors



Conduct cutting edge learning opportunities



Gain insights into US university application and admission procedures



International Awards

The qualified participants of the AGRP-AI from each area will be entitled to be awarded for Global Leadership Award and Research Award areas. (i.e. AGRP Global Leadership Award and/or AGRP Global Research Award)

6. Contact Information

Eligibility: High School, College and Int'l Students (including F/B/J/E VISA).

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