

# INITIAL ASSESSMENT



#TakeOnYourFuture

# Mellvin Chia

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**School year** : Grade 11  
**Desired program** : STEM (Computer Science, Industrial Engineering, Data Science)



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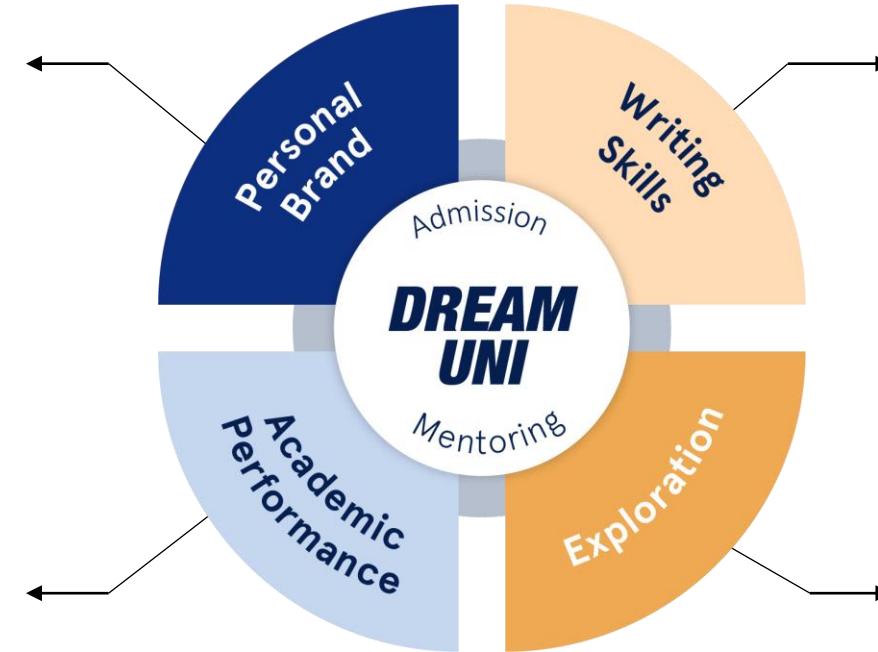


# THE ASPECTS OF TOP UNIVERSITY PREPARATION

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**The unique positioning and impactful aspects** that make a student's qualities stand out in admission.



**Analyzing overall grades**, course rigor at school and the required standardized tests to match with the targeted universities' level of competitiveness.

**A required skill** needed to clearly communicate student's personal brand in university application and to excel in higher education.

Exploration is essential to identify **what to pursue in the future** and, therefore, allows student to **choose the right major while developing his/her CV at the same time**.

Note:

*Our Assessment & Recommendation will be categorized based on these aspects*



# GENERAL UNIVERSITY REQUIREMENTS

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US	UK	CANADA	HONG KONG	SINGAPORE	AUSTRALIA	JAPAN
Resume	Resume	Resume	Resume			Resume
TOEFL/IELTS	TOEFL/IELTS	TOEFL/IELTS	TOEFL/IELTS	TOEFL/IELTS	TOEFL/IELTS <i>(if the courses are taught in English)</i>	Language Proficiency Test
School Transcripts	School transcripts	Entrance Exams				
SAT/ACT	SAT/ACT <i>(not all)</i>	SAT/ACT <i>(optional)</i>	SAT/ACT	SAT <i>(for American Diploma only)</i>	SAT/ACT <i>(not all)</i>	
Recommendation Letters (2–3)	Recommendation Letters	Letter or Recommendation	Recommendation Letters			
Essay	Personal Statement	Personal Profile	Personal Statement		Essays <i>(Not all)</i>	Essay <i>(not all)</i>
Interview <i>(not all)</i>	Interview <i>(not all)</i>	Interview <i>(not all)</i>	Interview <i>(not all)</i>			

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# INITIAL ASSESSMENT REPORT





# OVERALL ASSESSMENT

## CURRENT STANDINGS

### Exploration

It's clear that you have **deep interest in STEM, especially Engineering**. The reason for this is because you have spent a lot of time disassembling, modifying, experimenting, and perhaps reverse engineering appliances and machines on your own, including cars. **You have also been active in pursuing significant accomplishments in Math. This shows that you have done extensive explorations into STEM. You just need to decide which STEM to choose.**

Besides STEM, **you are active in badminton and have garnered significant accomplishments**. This shows that **you are passionate in badminton**. You also seem to be **passionate in environmental issues and have leadership experiences** from "bye bye plastic bag."

### Personal Brand

Your current personal brand would be "**A future 'MacGyver' who cares about the environment, have the knack as a leader, and a badminton athlete**" (kindly google MacGyver for reference). Your personal brand show that you are very into STEM (Engineering) and passionate in badminton and environment. **From the STEM angle, you have done a lot of DIY experimentations. From the badminton angle, you already have significant accomplishments. However, from the environment angle, you may need to scale up the scope of your organization.**

### Academic Performance

You have an excellent academic performance, have participated in many math competitions, and made significant accomplishments in them.



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Aspire Learn Lead

## AREAS OF IMPROVEMENT

### Passion/Interest Exploration & Personal Brand

You **have been actively explored and experimented with different DIY stuff in STEM**, but you have NOT documented and organized them yet. Thus, you will need to do that. Moreover, while you know that you like STEM, you seem to **have NOT determine which STEM you want to pursue**. Therefore, you **need to gain exposures into the career paths of the different STEM branches**. You will need to also scale up your current activities in STEM (i.e. post your experimentation works online or create a social media account related to DIY "MacGyver" stuff).

In terms of your passion in badminton, **you are in good shape for badminton**. However, **you may need to scale up the impacts of your environmental-related organization**.

### Academic Performance

To further boost your current academic profile, do **consider to participate in academic competitions outside of Math**. For example, robotics, engineering, or computer science-related competitions.

### Summary:

*You are on the right track!! You've done a lot of explorations in the STEM field and have shown that you have passion in badminton and environmental issues. Moreover, you have quite a significant accomplishments in your profile. However, you seem to have NOT decide which STEM to pursue in university. Thus, you will need to do further explorations and networking in order to expose yourself to the different STEM career path.*



## Admission factors chart to determine your university admissions competitiveness level.

Top Ivy Level

Ivy Level

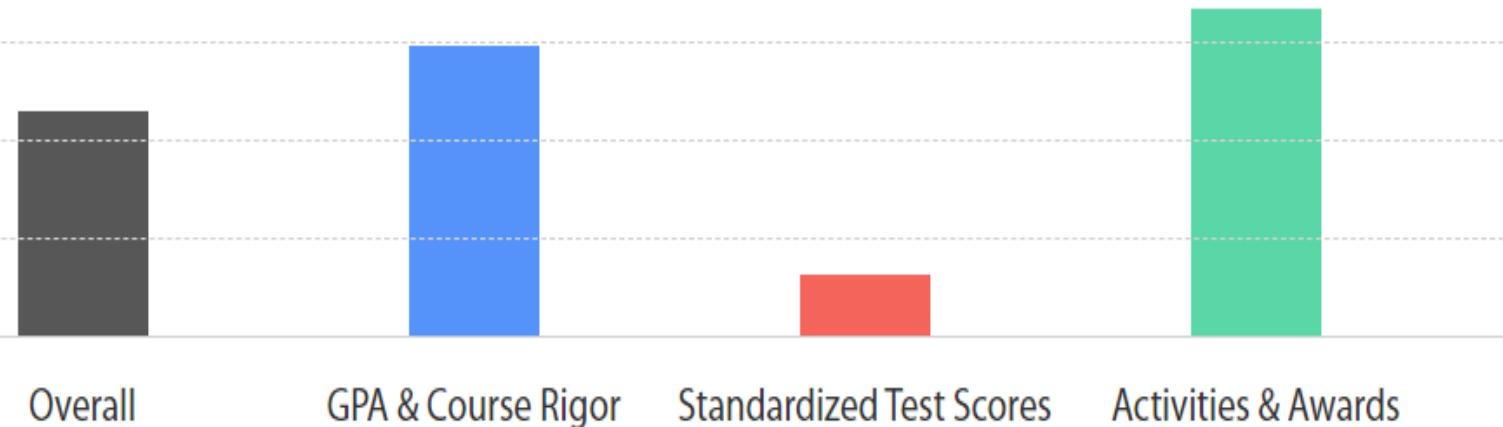
Ivy to Semi-Ivy Level

Top Private Level

Top State Level

Selective School

Less Selective School



Note:

Your current overall admissions factors show that you are still well-suited for **Top State Level** schools. Do NOT worry, however, because these factors will improve depending on future performance. Also note that you have to improve your ACT/SAT scores and bump up your "Activities & Awards" factors to boost your "Overall" admission factors.



## HOW TO POSITION YOU IN A UNIQUE MANNER FOR UNIVERSITY APPLICATION

***“Personal Brand is one or two sentences that student would like the admissions committee to remember about.”***

*Your personal brand is already very clear and established. It has several “hook” factors, such as “MacGyver”, badminton athlete, leader, and cares about the environment. Overall, you have five niches that makes your personal brand unique. What you need to do right now is to narrow down and determine what major to pursue in university as well as scaling up your accomplishments, especially in the STEM and environmental organization side (that are outside of competitions), and aim for making significant impacts.*

Your main focus is to *gain exposures on the potential career paths in different STEM branches that may be of your interest*; work on **personal projects** related to these fields and document them; and **participate in activities** that are directly relevant to your personal and academic interests to develop your personal brand.



Personal  
Brand

Exploration

Writing  
Skill

Academic  
Performance



Note:

## OUR METHOD

We will guide you more closely to explore and gain exposure into the diverse STEM branches that may be of your interest and brainstorm for potential personal projects that you can work on inside and outside of school. Doing so will further solidify your personal brand on the STEM side.

## RECOMMENDED ACTIVITIES

- **Join competitions:** Zero Robotics Competition, Singapore International Mathematics Olympiad Challenge (SIMOC), DOKA International Mathematical Problem-Solving Competition, Kaggle Competition, Machine Hack Competitions, Schools Science & Innovation Competition, Owlypia The Intelecetual's Challenge, International Physics Olympiad (IPhO) Lithuania 2021, DOKA International Mathematical Problem-Solving Competition, The Paradigm Challenge
- **Recommended Field for Personal Projects:** STEM-related, Computer Science-related, OR a combination of both. Some suggestions on the personal projects that you can work on may include but not limited to the following:
  - Create a DIY smart home device/controller
  - Develop a project to modify the car that you have been working on into a smart car (a car that can be added with smart devices)
  - Create a social media account or website on DIY-ing appliances/machines



Personal  
Brand

Exploration

Writing  
Skill

Academic  
Performance



Note:

## OUR METHOD

We will provide you with access to our exclusive network with professionals in different STEM fields and perhaps other fields that may be of your interest if you are open to it.

## RECOMMENDED ACTIVITIES

- *Join Experiential Learning* programs over the holiday in exploring for your passion and interest as well as building your resume.
- *Connect with various professionals in the field of your interest* to discover what the careers in the field you're interested in is all about: this can be in the form of *networking, talks/seminars, and job shadowing*. This would be an eye-opening experience that may contribute to determining the perfect major for you in the future.

Continued in the next page...

Personal  
Brand

Exploration

Writing  
SkillAcademic  
Performance

Note:

## RECOMMENDED ONLINE COURSES & SUMMER CAMPS

- Duke University: Data Science Math Skills
- Nanjing University: Data Processing Using Python
- Harvard University: Principles, Statistical and Computational Tools for Reproducible Data Science
- Harvard University: Data Science: Visualization
- Massachusetts Institute of Technology: Computational Thinking using python
- The Data Science Course 2021: Complete Data Science Bootcamp Matter and Energy
- A-Z Artificial Intelligence with Python

## EXAMPLES OF THE ORGANIZATION/COMPANIES

Company Name	Industry
Kata.Ai	Tech Solutions
MakeBlock	Coding and Robotics
Ukirama	Tech Solutions
Ternakuang	Investment
Rata.id	Dental Clinic
Segari	Fresh Food Retail
Devon	Restaurant



Personal  
Brand

Exploration

Writing  
Skill

Academic  
Performance



Note:

You mentioned that you may need help with English writing. Thus, you should provide your English writing samples to us for review by our English writing team to further assess your current writing level and enable us to provide you with the next steps to improve your writing.

## THE IMPORTANCE OF WRITING SKILLS

You need a tool to communicate your qualities in your university application. Improving your writing skills will enhance your personal brand through a well-articulated and creative writing style. Writing skills will also train your critical thinking and organize your thought process for your daily assignments in university.

### ASPECTS

- University Application Essay
- Letter Of Recommendation Request
- CV Writing
- Email Communication
- School Assignment And Papers

### RECOMMENDATION TO IMPROVE YOUR WRITING

- Develop a good reading habit
- Read and learn about officially published essays
- Try analyzing reading materials and write a summary

Personal  
Brand

Exploration

Writing  
SkillAcademic  
Performance

Note:

You may take our **SAT Diagnostic Test** and join our **SAT Course** for improvement if needed.

## ACADEMIC

To do your best in improving your grades in school, aim for average grades of > 90, and maintain that performance. Moreover, you should aim for the top 5 – 10% of your class if possible.

## STANDARDIZED TEST

### TOEFL/IELTS:

Top universities expect their prospective students to score **above 100 on TOEFL iBT test or above 8.0 on IELTS**. TOEFL/IELTS scores are **valid for TWO years**.

We **highly recommend** that you take the TOEFL/IELTS test when in the second half of **2021, preferably before October 2021**.

### SAT/ACT:

Top universities, especially US Universities, look for students who score **>1450 on the SAT or >32 on the ACT**. SAT and ACT Scores are **valid for Five years**.

We **highly recommend** that you prepare and take the General SAT test (NOT Subject Test) as soon as possible (**Before December 2021**)



# RECOMMENDED UNIVERSITIES

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	US	HONG KONG
REACH	<ul style="list-style-type: none"><li>➤ Stanford University</li><li>➤ UC Berkeley</li><li>➤ UCLA</li><li>➤ Caltech</li><li>➤ Georgia Tech</li><li>➤ Rice University</li><li>➤ NYU</li></ul>	<ul style="list-style-type: none"><li>➤ University of Hong Kong</li><li>➤ HKUST</li></ul>
COMPETITIVE	<ul style="list-style-type: none"><li>➤ UC San Diego</li><li>➤ UNC – Chapel Hill</li><li>➤ Northeastern University</li><li>➤ Boston University</li><li>➤ UT Austin</li><li>➤ University of Washington</li></ul>	<ul style="list-style-type: none"><li>➤ Hong Kong Polytechnic University</li><li>➤ Hong Kong Baptist University</li><li>➤ City University Hong Kong</li></ul>
SAFETY	<ul style="list-style-type: none"><li>➤ Purdue University</li><li>➤ Penn State – University Park</li><li>➤ University of Minnesota – Twin Cities</li><li>➤ University of Massachusetts – Amherst</li></ul>	



# SUGGESTED TIMELINE

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## YEAR 11

	<b>Shadowing With Professional Network</b>	<b>Personal Project</b>	<b>Extracurriculars</b>	<b>University Applications</b>
SEM 2	<b>Shadowing With Professional Network</b>	<p><b>Explore activities of interest (school and non-school) ; Shortlist Activities</b></p> <p><b>Commit and Start</b></p>		<b>University Research</b>
		<p><b>Brainstorm And Planning For Computer Science / Industrial Engineering / Data Science related Personal Project</b></p>	<p><b>Computer Science / Industrial Engineering / Data Science related competitions / online courses/ other interests</b></p> <p><b>Planning activities for summer holiday</b></p>	
		<p><b>Reassess and explore other activities</b></p> <p><b>Internship / Work Experience in Engineering Departments (when possible)</b></p>		<b>Shortlisting universities</b>



# SUGGESTED TIMELINE

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## YEAR 12

	Shadowing With Professional Network	TOEFL / IELTS	SAT	Personal Project	University Applications
SEM 1	Shadowing With Professional Network		Prep	Continue Working on Personal Project	Uni Application preparation starts
		Prep	#Attempt 1 - SAT		Determine Personal Brand
		#Attempt 1	#Attempt 2 – SAT <i>(if needed)</i>		Regular Application deadline
SEM 2					

# PRICING & SCOPE





## ULTIMATE PACKAGE ADMISSION MENTORING

ULTIMATE	PRICE
Up To 7 Schools Globally	US\$ 4,500

### NOTE:

- ✓ This is a one-off fee that covers admissions consulting services until **Mellvin** gets accepted to Universities.
- ✓ The service is **payable in Indonesian Rupiah**.
- ✓ The current estimation for the Ultimate Package Advisory Service's pricing only applies to University Applications of up to 7 Universities. Pricing adjustment will apply for Applications to more than 7 Universities.
- ✓ The installment payment is available



## ULTIMATE PACKAGE ADMISSION MENTORING

1. Review of Student's educational and personal profile from information provided to us prior to the consultation. This includes
  - a. The academic transcript, teacher comments, and record of standardized testing.
  - b. Personal interests, achievements, and goals, obtained from our questionnaires.
2. Development of comprehensive educational plan by:
  - a. Reviewing the Student's curriculum and devising his/her academic niche.
  - b. Field of study exploration research that is of interest to him/her.
  - c. Discussing extracurricular interests, summer/winter activities, internship opportunities, and study options. Mentoring Student through processes pertaining to such activities including application process, proposal writing, interviews, etc.
  - d. Helping the Student round out his/her resume and personal profile.
  - e. Developing a list of colleges/universities, including reach, target, and likely, based on the Student's academic and personal profile.
  - f. Developing a schedule for taking appropriate standardized tests.
  - g. Lining up academic and non-academic supports, such as academic tutors, language course institutions, etc.



## ULTIMATE PACKAGE ADMISSION MENTORING

- h. Guiding the Student on the preparation of college/university applications, including devising application strategies; time management; discussion, review, and critique of essays and other materials that are required or that will help in the admissions process.
  - i. Shortlisting potential recommenders for the Student and crafting a profile that makes the best impression to the recommenders.
  - j. Preparing the Student for personal interviews.
  - k. Selecting the most appropriate college/university from among those to which Student has been admitted.
  - l. Preparing for the transition to college/university, and making initial college course choices.(if needed)
3. Access to our Advisor through personal appointments, telephone, and email.

# ***Thank you.***

*Hope this report gives you a better understanding about your current profile and the university application process. Kindly do not hesitate to contact us if you have any questions.*



**081808081363**

**087860811413**



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