



SCHWARZMAN
SCHOLARS



清华大学
Tsinghua University

* = Required Field

APPLICATION INSTRUCTIONS

Deadline is September 26, 2019 - 11:59PM, Eastern Daylight Time (EDT)

Due to high volume, submitting on the deadline day is NOT recommended and applications received late (even due to latency issues or last minute emergencies) will not be accepted. We strongly urge you to submit your application up to two weeks in advance.

The application form must be completed in English. Please note that the email address provided to create your account will be used for ALL future correspondence about your candidacy. It is important to note that school email addresses may expire after you graduate. After creating an account, you will receive a system-generated email prompting you to verify your email. Keep your login information in a safe place as you will need it to access your application in the future.

Click here for [APPLICATION INSTRUCTIONS](#)

* = Required Field

Personal Information

Prefix

Mr.

* **First/Given Name**

Sidhant

Middle Name

* **Last/Family Name**

Gupta

As it appears on any official document (i.e. passport)

Previous Name

As it appears on any Academic Records

Preferred Name

As you would like it to appear publicly

Chinese Name

If relevant and differs from the above

* **Date of Birth**

03/08/1997

[mm/dd/yyyy]

Candidates must be at least 18 but not yet 29 years of age as of August 1, 2020

* Gender

Male

As it is or will be listed on your passport

* Marital Status

Single

Citizenship and Passport Information

For passport fields below, provide answers that correspond exactly to how this information appears on your passport. Applicants who hold passports from Mainland China, Hong Kong, Taiwan, and Macao, or residency status in Hong Kong or Macao are required to apply by May 31st, 2019 through this site: <http://application.sc.tsinghua.edu.cn/f/login>

* Country/Region of Citizenship (Primary)

India

If you have dual citizenship, whichever country/region you select as primary, will be the one you will need to apply for a visa to China if accepted to the program. No exceptions will be granted.

* Country/Region of Birth

India

* Place of Birth

Delhi

Country/Region of Citizenship (Secondary)

Hong Kong

If you hold citizenship in more than one country/region, indicate secondary citizenship country.

Passport Issuing Country/Region

India

Passport Number

Z4803274

Passport Issue Date

05/30/2018

[mm/dd/yyyy]

Passport Expiration Date

05/29/2028

[mm/dd/yyyy]

Ethnicity

Which of the following best represents your racial or ethnic heritage? This section is optional.

Ethnicity

Asian

Ethnicity

South Asian

If you wish to identify yourself with an ethnicity other than those listed above, please do so here.

Current Contact Information

The address provided here will be used as the primary address for correspondence about your candidacy.

* Address line 1	Address line 2	Address Line 3
<u>17, 5/F, Lei Ka Court,</u>	<u>17, Caroline Hill Road,</u>	<u>Causeway Bay, Hong Kong</u>

* City	Postal/Zip code	* Country/Region
<u>Hong Kong</u>		Hong Kong

U.S. State

Province/Region

HKSAR

For non-U.S. addresses only.

Address Effective Until (Date)

[mm/dd/yyyy]

For all phone numbers, please include the country code, area code and the number
(For example: US +1 xxx xxx xxxx. UK +44 xxx xxx xxxx)

Primary Phone

Mobile

* Telephone	Mobile
<u>+852 51385925</u>	<u>51385925</u>

* Email	Secondary email
<u>sdhnt@connect.hku.hk</u>	

Permanent Address

* Address line 1	Address line 2	Address line 3
<u>304, 5th Cross, 5th Main,</u>	<u>1st Block, Koramangala,</u>	<u>Bangalore, India</u>

* City	Postal/Zip code	* Country/Region
<u>Bangalore</u>	<u>560034</u>	India

U.S. State

Province/ Region

For non-U.S. addresses only.

Anticipated Location for the Interview Dates

* To ensure smooth logistical arrangements if you are invited to interview, we want to identify the most appropriate interview location for you. Please tell us where you will be between Oct 24th and November 5th. Please hold the dates to the extent possible.

Hong Kong

Country - City

Emergency Contact

Provide us with your emergency contact below

First Name

Last Name

Vivek

Gupta

Emergency Contact Email
tinkgupta@gmail.com

Emergency Contact Phone
+919845013446

* = Required Field

Biographical Profile

* Summarize in 100 words your main leadership accomplishments in academics, extracurriculars, and professional experience. Your submitted biography will be used throughout the selection process and on the Schwarzman Scholars website if you are selected for the program. Your bio should end with country of citizenship. For reference, review profiles of selected scholars at www.schwarzmanscholars.org/scholars.

Sidhant's vision is to bridge the gap between research & entrepreneurship. He broke a national record at the age of 16 building India's smallest robot and gave a TED talk before the age of 20. Sidhant is the founder of the Vayu Project - a Guinness world record setting fastest robotic fish. He has studied at four universities and has authored 3 published research papers. He is currently the founder & CEO of the Open Ocean Camera, has been backed by Entrepreneur First and was a finalist at the Hult Prize 2019. Combined, his businesses are valued at over 2 million USD.

Professional Online Profile (i.e. LinkedIn, employer bio page, etc.)
www.sdhtngupta.com, <https://www.linkedin.com/in/sdhtngupta/>

If you have previously applied to Schwarzman Scholars, provide a 100-word explanation of the changes between your previous application and the current one.

N/A

Program Information

How did you first learn about Schwarzman Scholars?

Friend, colleague or classmate

If other, please provide below.

* = Required Field

Undergraduate Degree

* Will you have completed your undergraduate degree by August 2020?

Yes

Education History

List post-secondary institutions where you have obtained a DEGREE, with the most recent institution listed first. Only list actual degrees that you have earned or will earn; do NOT list any short-term study or certificate programs. It should ONLY reflect degree granting Bachelor's/Master's/Doctoral programs. Other study programs and details can be listed on your resume.

* University Name

University of Hong Kong

If your university or college name is not in the list of possible matches, select "School Not Found" and complete the field below.

School Not Found Name

Undergraduate Institution

☒ [X]

You may only check this box once, so it should be the institution where you were awarded your undergraduate degree.

Only complete this field if you indicated "School Not Found" in the field above.

* University Country/Region

Hong Kong

* Degree Level

Bachelor's (Undergraduate)

* Degree Name

BEng

* Field of Study (Major/Minor)

Computer Engineering

* Degree Status

Completed

* Degree Start Date

09/2015

[mm/yyyy]

Date Degree Awarded or Anticipated

07/2019

[mm/yyyy]

Most universities provide a numerical summary of academic achievement. Enter your cumulative grade point average or other numerical score as printed on your transcripts. If your school is not on a numerical system (i.e. first-class honors), please input zero and use the Degree Designation field below.

* Grade Point Average (GPA)

3.6

If your school does not provide a GPA, input 0

* Grade Point Average Scale (Enter the scale your university's GPA or other numerical score is out of)

4.3

If your school does not provide a GPA, input 0

Degree Designation

First Class Honors

e.g. First class honors, Second class honors, etc.

Click on "Add Another Response" to include information for additional universities/colleges.

* = Required Field

Language Proficiency

List up to four languages that you speak or have studied. List them in order of proficiency from native language first to least proficient. English MUST be one of the 4 languages listed with the level indicated.

* Language (Native)

English

* Level

Native Speaker

Language 2

Hindi

Level

Fluent

Language 3	Level
Kannada	Intermediate

Language 4	Level
Chinese	Beginner

Other Language(s)

If you selected "Other" indicate the language(s) here separated by a comma.

English Language Proficiency and Test Scores

* To fulfill the English language requirement you must meet one of the following: 1) be a native English speaker; 2) have studied for at least two years in an English-speaking program at an undergraduate or graduate level; 3) submit an official English proficiency test score with your application.

I am a native speaker of English

* What was the primary language of instruction in your undergraduate degree:

English

If you have indicated that you are a native speaker of English, but do not live in an English speaking country, provide a brief description below. Please also use this space to provide an explanation if your undergraduate or graduate program was in English, but in a country where English isn't the primary language.

Self-Reported Test Scores

Indicate which English proficiency exam you took and the date (tests are valid for two years). You will also need to upload your score report on the additional information page. Minimum scores for these exams are listed in that section.

* Test Name

TOEFL iBT

* Test Date

10/15/2016

[mm/dd/yyyy]

Listening

29.0

Speaking

30.0

Reading

30.0

Writing

27.0

Total Score

116.0

* = Required Field

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

* Experience Category

Business: Technology

Name of Company/Organization/Employer
Origami Labs

Employment Position or Role
Hardware & Software Developer

Start Date
01/2019

End Date
05/2019

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Hong Kong

Country/Region
Hong Kong

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

* Experience Category

Business: Consulting

Name of Company/Organization/Employer
Eureka Consulting Group

Employment Position or Role
Consultant, Head of Marketing

Start Date
09/2018

End Date
06/2019

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Hong Kong

Country/Region
Hong Kong

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

* Experience Category

Business: Technology

Name of Company/Organization/Employer
Rebartek AS

Employment Position or Role
Software Intern

Start Date
06/2019

End Date
07/2019

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Shenzhen

Country/Region
China

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

*** Experience Category**

Other

Name of Company/Organization/Employer
The Vayu Project

Employment Position or Role
Founder, Project Lead

Start Date
08/2017

End Date

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Hong Kong

Country/Region
Hong Kong

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

*** Experience Category**

Non-Profit Organization

Name of Company/Organization/Employer
University of Hong Kong

Employment Position or Role
Senior Project Leader & Research Fellow

Start Date
07/2019

End Date

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Hong Kong

Country/Region
Hong Kong

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

*** Experience Category**

Business: Technology

Name of Company/Organization/Employer
Liquidstar IO

Employment Position or Role
App developer

Start Date
02/2019

End Date
05/2019

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Hong Kong

Country/Region
Hong Kong

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

* Experience Category

Business: Other

Name of Company/Organization/Employer
Hult Prize Accelerator

Employment Position or Role
Entrepreneur in Residence

Start Date
08/2019

End Date
08/2019

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
London

Country/Region
United Kingdom

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

* Experience Category

Business: Technology

Name of Company/Organization/Employer
Entrepreneur First

Employment Position or Role
Entrepreneur in Residence

Start Date
08/2019

End Date
12/2019

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Hong Kong

Country/Region
Hong Kong

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

Professional Experience

Please ONLY list your 2 most recent work experiences in chronological order, starting with the most recent. Only list full-time employment. Do not list part-time work, internships, or volunteer opportunities. These experiences can be highlighted in your Resume/CV. If you are a student and do not have full-time employment, please select student.

*** Experience Category**

Business: Technology

Name of Company/Organization/Employer
Open Ocean Camera Company

Employment Position or Role
Founder and CEO

Start Date
09/2019

End Date

[mm/yyyy]

[mm/yyyy]

If you are currently employed in this position,
leave "End Date" blank.

City
Hong Kong

Country/Region
Hong Kong

Click on "Add Another Response" to include additional employment positions. The maximum is two (most recent) experiences.

*** = Required Field**

Experience Abroad

List the two most relevant Academic, Professional, or Volunteer Experiences in which you spent more than two months away from your home country. Include the location, the reason for the time abroad, and the dates/duration. If this was a multi-site experience, include the details in the description text box. Do not list tourist travel.

Experience Type

Academic Experience

Start Date
01/2019

End Date
06/2019

[mm/yyyy]

[mm/yyyy]

Country/Region City
United Kingdom Edinburgh

Provide a two sentence description
Semester Exchange for Computer Science. Grade A-

Experience Abroad

List the two most relevant Academic, Professional, or Volunteer Experiences in which you spent more than two months away from your home country. Include the location, the reason for the time abroad, and the dates/duration. If this was a multi-site experience, include the details in the description text box. Do not list tourist travel.

Experience Type

Professional Experience

Start Date

End Date

11/2017

12/2017

[mm/yyyy]

[mm/yyyy]

Country/Region City

Philippines Udalo, Mindoro Island

Provide a two sentence description

Coral Reef mapping in partnership with University of Philippines and Cesar Harada

Experience Abroad

List the two most relevant Academic, Professional, or Volunteer Experiences in which you spent more than two months away from your home country. Include the location, the reason for the time abroad, and the dates/duration. If this was a multi-site experience, include the details in the description text box. Do not list tourist travel.

Experience Type

Volunteer Experience

Start Date

06/2018

End Date

07/2018

[mm/yyyy]

[mm/yyyy]

Country/Region City

Myanmar (Burma) Yangon

Provide a two sentence description

CodeXPress IOT farming expedition with Dagon University, Yangon

Experience Abroad

List the two most relevant Academic, Professional, or Volunteer Experiences in which you spent more than two months away from your home country. Include the location, the reason for the time abroad, and the dates/duration. If this was a multi-site experience, include the details in the description text box. Do not list tourist travel.

Experience Type

Academic Experience

Start Date

06/2017

End Date

07/2017

[mm/yyyy]

[mm/yyyy]

Country/Region City

China Beijing

Provide a two sentence description

Summer Exchange to Peking University. 89/100

Experience Abroad

List the two most relevant Academic, Professional, or Volunteer Experiences in which you spent more than two months away from your home country. Include the location, the reason for the time abroad, and the dates/duration. If this was a multi-site experience, include the details in the description text box. Do not list tourist travel.

Experience Type

Academic Experience

Start Date

End Date

03/2017

05/2017

[mm/yyyy]

[mm/yyyy]

Country/Region City
Netherlands Utrecht

Provide a two sentence description

Transdisciplinary Research Exchange - worked on Marxist alienation in a modern context.

* = Required Field

Leadership Roles, Awards, and Recognitions

List up to ten leadership roles, awards, scholarships, publications, or special recognitions you have received. List in descending order of significance, including the name and award, awarding body or institution, and date of each accomplishment. For example: ABC Scholarship (University X) - 8/2017. List only one leadership role, award, or recognition per line.

TEDxCityUHongKong 2017: Speaker Global Grand Challenges Summit 2019 (Royal Academy of Engineering) : 1st Runner Up (Clearbot) Cyberport - Govt. of Hong Kong - CCMF - Startup Incubation awardee for 100000 HKD EI 2019 IRIACV (IS&T): Best Student Research Paper Dean's Honors List (2019) : Faculty of Engineering, University of Hong Kong Limca Book of Records (2015): National Record India - Smallest Bipedal Robot James Dyson Award 2018: National Runner Up for Hong Kong Mensa Member: Top 2% of global IQ score Clinton Initiative Hult Prize 2019: 1 million USD global Accelerator Finalist Govt of India Science Talent Scheme: Top 1% of Indians in ISC 12 Public Exam (2015) HKU Foundation Entrance Scholarship – 125% of tuition fee HKSAR Govt. Reaching Out Award 2018: For Experiential Learning Gallant Ho Experiential Learning Award 2017 & 2018: Mindorobot, NxtBraille, ClearBot Projects HKU '81 Inclusion Fund Award: NxtBraille Open Source Braille Keyboard HKU Service 100 Award 2017: For founding and leading osrei.org SY King Prize 2017 for academic excellence in electronic and electronic engineering HKU Centenary Scholarship for Academic Excellence EEE 72 Chan Kam Yin Scholarship for academic excellence The Arthur and Louise May Memorial Fund Scholarship for high achievement in Robotics Harvard World Model United Nations 2017 Montreal: Diplomacy Award in General Assembly University of Utrecht (2017) - Transdisciplinary Research Exchange Scholarship – Marxist Alienation & Social Media Peking University (2017) - Summer Semester Exchange and "China 1000" Scholarship Recipient HKU Winter Cultural Exchange Scholarship– Democratic People's Republic of Korea Best All Rounder (2013) - Bishop Cotton Boys School Harvard Model United Nations - Best Delegate (2014) 20th Student Leaders Convention - Best Presentation (Hwa Chong School, Singapore) Research Publications: PAAMES/AMEC 2018: "Development of a High Performance Robotic Fish" RCUK 2018: "Autonomous Coral Reef Mapping with Laser Quadrat" EI 2019 IRIACV: "Laser quadrat & photogrammetry based reef mapping" - Best Student Presentation

* = Required Field

Disciplinary Action

* Have you withdrawn, been dismissed, suspended or placed on probation from an academic institution for academic or non-academic reasons?

No

If yes, you must provide an explanation here.

* Have you been arrested, charged or convicted of a felony, misdemeanor or other crime?

No

If yes, you must provide an explanation here.

* = Required Field

Recommendations - Register Three Recommenders

Currently Enrolled Undergraduates should have two letters from professors who can speak to your academic abilities and one letter specifically addressing your leadership abilities (this can be from an employer, supervisor, mentor, faculty member, advisor, or other).

Graduate Students and Young Professionals should have one letter from a professor, one letter specifically addressing your leadership abilities, and for the final one, you should choose from the following options that will best represent your current profile: an employer or mentor, additional academic letters, or some combination of the above options.

Recommenders should know you well and be able to speak to your intellectual abilities, personal characteristics and/or leadership potential. The letters should be written in English. If not, a translation must be provided and combined with the original letter uploaded by the recommender. We will only accept online letters of recommendation.

Deadline for recommenders to submit these letters is **September 26, 2019 - 11:59 PM Eastern Daylight Time (EDT)**. We will not accept letters submitted after the deadline and it is your responsibility to work with recommenders to make sure these are submitted prior to the deadline. Upon submission of your application, you may check the status of your recommendation letters via the self-service portal.

Recommendation - 1

Pressing SAVE or NEXT will automatically send an invite email to all registered recommenders.

* First Name

Edmund

* Last Name

Lam

* Email

elam@eee.hku.hk

A unique email is required for each recommenders

Recommendation - 2

Pressing SAVE or NEXT will automatically send an invite email to all registered recommenders.

* First Name

Zheng

* Last Name

Wang

* Email

zwangski@hku.hk

A unique email is required for each recommenders

Recommendation - 3

[Clear](#) [Re-send Invitation](#)

Pressing SAVE or NEXT will automatically send an invite email to all registered recommenders.

* First Name

Kit

* Last Name

Chui

* Email

ckchui@cs.hku.hk

A unique email is required for each
recommenders

* = Required Field

Enter and save the text of your essays below and then upload the following to the Upload Page . All required documents should be completed separately and attached as individual .pdf files and named as follows:

You must use this exact naming convention

LastName_FirstName_Leadership

LastName_FirstName_StatementofPurpose

LastName_FirstName_Transcripts

LastName_FirstName_ResumeCV

The system does not allow users to preview uploaded documents prior to submission, so be sure you select the correct one for each upload. The word counts listed below are strict and any essays that exceed these limits may be disqualified.

Leadership Essay

Describe at least one distinct example that best illustrates your leadership. This may draw from your professional, academic, or personal life when you demonstrated leadership qualities which highlight:

- The intellectual/analytical abilities to identify and understand challenges and opportunities, and envision solutions,
- The initiative to act and communicate why
- Interpersonal skills to inspire a team effort, and
- An ability to push through resistance and/or challenges to reach positive results/change for the better.

Outline the situation in detail, along with your learning and growth, and how you envision this will impact your aspirations to be a future leader. Consider the following:

- What was the problem or issue you identified, and why did you choose to act? What was your plan of action?
- What obstacles or challenges did you face and how did you overcome them?
- What were the outcomes and impact on the community or purpose?
- What did you learn and/or what lessons would you pass on to others?
- How has this experience shaped you as a leader and how does it connect with your vision for future leadership aspirations?

Leadership Essay (up to 750 words)

*

For the purposes of my leadership essay, I would like to elaborate on how I recently started and lead the Clearbot initiative - where we help dozens of coastal communities across South East Asia keep their water clean with swarms of autonomous ocean trash collecting robots. The story starts in January of 2019, when I started to plan my graduation trip to Bali with some of my friends. While researching Bali, we came across the massive issue of ocean trash in the region and how the local community is struggling to keep their water clean. The effect of the trash is significant on both their health and the tourist-dependant economy in Bali. I strongly believe that the future of humanity is dependant on a sustainable relationship with the ocean and further, I feel that my life's goal to empower vulnerable communities using technology. Immediately, I saw an opportunity here. By the next morning I'd sent out 50 emails to different volunteer groups, government organizations and NGO's in Bali asking if I could learn more about the issue and if there was any potential for technology to solve the problem. With the support of the local community in Bali, we understood the challenge better and within a month I had put together a 6 person, multi-faculty team and organized funding to build a robot that could help these communities collect trash out of their water in a more scalable way. We started to think about how we could bring artificial intelligence and cutting edge swarm robotics into working around the challenge and within two months, we had our first

prototype ready - we called it "Clearbot". In May 2019 we reached Bali, where me and my team members met with our local partners and started piloting the bot with the fishermen and sea-side locals. Here, we hit a massive roadblock - our solution was excellent, it detected waste and cleaned the water just the way we wanted to - but it was too technical for the locals to use. Somewhere along the process, we had forgotten to put ourselves in the shoes of our users who had little, if any, technical know-how. Upset, and demoralized we flew back to Hong Kong and went back to the drawing board. As the team's supervisor, I had to take responsibility for fixing the mess that I had created and spent the next few weeks building our team momentum back to what it was before the expedition. This time, we took a radically different approach - we put the user at the center of our design and thought about how we could put AI and robotics into the hands of someone who could only use a button phone. Within a month, our brainstorming had paid off - we released "Clearbot In a Box". The product is a smart box with 2 thrusters attached to it. When this box is fit onto any floating object, it converts that floating object into a self-navigating Clearbot. This is groundbreaking, as it allows the coastal communities to simply fit this box onto their bamboo boat frames and create a self-navigating robot, with no technical skills whatsoever. We shipped these out and soon got back pictures of bamboo Clearbot in action from our friends in Bali - it felt absolutely amazing. In September 2019, we represented the Chinese Academy of Engineering won a prize the prestigious Global Grand Challenges Summit in London. The team got to meet HRH Princess Anne and was interviewed by news and TV media. Our vision remains to allow local communities to create global impact using technology. We see a future where swarms of self-navigating, self-charging robots are constantly cleaning the oceans for mankind. Today, thanks to Clearbot, over 800Kgs of waste has been removed from the oceans. The communities we work with are exposed to less trash, less disease and have cleaner water to support their local tourist industry. For many of my team members and peers, they have found a sense of purpose in their work thanks to the project. I personally retained strong impressions of pragmatic design thinking, learned the importance of overcoming access barriers and inculcated the tools to be able to create, hack, engineer and deliver when resources are scarce. As a leader, the project has taught me the ability to lead and manage a team efficiently in tough situations, the power of perseverance and the capability to learn and pick up new skills that are much outside my comfort zone. The work at Clearbot has shaped who I am today and has cemented my vision for myself - to spend my life bridging the gap between research and entrepreneurship and, in the process, create scalable impact through technology by empowering those in the most vulnerable sections of human society.

Statement of Purpose

Describe your professional interests and goals and how the program connects with your professional trajectory:

What particular social, cultural, business, policy, or global issue is your focus of interest? What are the major factors driving change on this issue?

Why are you dedicated to this issue, and what is your vision to lead positive impact in the future?

How will the Schwarzman Scholars program and a deeper knowledge of China's role in the world advance your goals?

Statement of Purpose (up to 500 words)

*

My quest is to leverage the power of engineering and imagination to help other people break barriers and transcend their limitations so that they can realize their full potential. Why? Well, over the past 4 years, I have built ocean trash collecting robot swarms in Indonesia, IOT-based farming systems in Burma, credit scoring AI software in Hong Kong, intelligent underwater cameras to photograph sharks in the Philippines, braille devices for the blind in Japan and online education portals in India, among others. In the process, I have had the opportunity to speak at TED, write 3 research papers, meet Bill Clinton as Hult Prize Finalist, break a Guinness world record and build businesses that are now valued at over 2 million USD. These experiences have given me truly unique world-view for someone my age as I have seen the world through many different lenses and perspectives. I've constantly reflected on what I believe my purpose is and where I want to make an impact in the world. I found that I most strongly empathize with two big issues. The first is the problem of access in developing/emerging markets and second is our relationship with the oceans. As emerging markets grow, we see a strange dichotomy - large populations of people who have smartphones and internet and yet do not have access to basic financial, health, employment and public services. Every single one of these billion smartphones has a computing power larger than the spaceship that sent mankind to the moon, and yet decentralized solutions that provide access to basic services have not been built and scaled. Growing up in India, I've seen this reality first hand, and it is my life's mission to use technology to empower the millions of vulnerable communities globally. Second, I strongly believe that for mankind to continue to sustainably live on Earth, we need to have a sustainable relationship with the ocean and the life within it. The ocean provides us with 30% of food through fish, absorbs heat from climate change and is the ultimate destination for 70% of human trash, This is a broken relationship that is bad for human sustainability and I see massive potential for technology to improve things here. If we are to solve these problems, I believe that the solution lies in the intersection of technology, culture and economics. My experiences have taught me that technology empowers - it is a harbinger of change in society, and the most powerful tool we have to disrupt broken systems. Without culture, technology has no context. Culture determines how we interact with the world and if we want to transcend our limitations, we need to reinvent the way in which mankind views, interacts with and experiences change-bringing technology. And lastly, without creating economic value for real stakeholders, no technology has any real-world sustainability. Ultimately, economic value is the true test for any solution's potential to disrupt. All my work to this date will stand testament to what I have discussed in the last two paragraphs. Finally, when I look at my future, I see being at Tsinghua, an incredible platform for me. Studying in Hong Kong, working in Shenzhen and taking courses in Beijing I have seen the growth and opportunity of being in China firsthand. I believe that China is attracting and creating the leaders of tomorrow through a number of programs, ranging from Belt and Road to even the Schwarzman scholarship itself, and as a future leader, it is my intention to study through this program at Tsinghua so that I leverage the power of the chinese ecosystem to create the change that I want to see in the world.

Transcripts/Academic Records

Applicants should upload copies of official academic records for every degree-granting, post-secondary university or college attended (undergraduate and graduate). If the transcripts are not in English, you will also need to provide certified translations of these documents. Combine all the transcripts and translations into one file before uploading. Official copies of these records will be required at a later stage in the process for applicants chosen as finalists. Be aware that encrypted files and file expirations may cause issues with Admissions being able to review your documents.

Resume/Curriculum Vitae - 2 Pages Maximum

Attach your most recent Resume or Curriculum Vitae. It is critical that this document demonstrates your leadership experience.

Reminder: All of these documents must be attached to the Upload Page .

* = Required Field

Video Introduction

Provide a short self-introduction video of no more than one minute. Introduce yourself in any style or setting you think best conveys your interests and personality. The point of this recording is to allow the committee to hear you introduce yourself in your own voice and style. A video taken on your mobile, laptop or digital camera will suffice; we do not expect or encourage applicants to use

professional equipment, production or editing. The technical quality of the video is not as important as the content, but the committee must be able to see and hear you. Save the video on YouTube, VIMEO or a similar service that is readily accessible and provide the direct link to the page in the space below. **Do NOT password protect the video** .

Video Requirement

* Will you be able to provide a link to a video with your application?

Yes

Video Link

https://drive.google.com/drive/folders/1tJZPV-gvBPY3HM5SL-v_XQzowWFtKkPQ?usp=sharing

If for some technical reason you are unable to produce a video, provide a brief explanation here.

Clarification Comment

If you wish to clarify any information you provided in the application, please do so in this short answer section. For example, if you took a leave of absence, faced unusual circumstances in your studies or in your career, you may wish to explain that here.

Clarification Comment on Application

Short Answer (up to 100 words)

Tell us something about yourself that we would not otherwise know based on the materials in this application.

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I have lived in four countries and traveled to over 20 countries for work alone. As a result I have a strong network of professionals across Asia and North America. I am a Trinity College of London Grade 7 accredited pianist. I am currently authoring a book on mental models and have given multiple talks in different parts of the world. I've appeared in the newspapers and TV of three different countries in 5 different languages!

English Language Test Score

If an applicant's native language is not English, official English proficiency test scores must be submitted with the application. This requirement is waived for applicants who studied at least two years in an English-speaking program at an undergraduate or graduate level. Acceptable test options and minimum scores are: TOEFL iBT: 100; TOEFL PBT: 600; IELTS: 7. If you have taken the exam multiple times, only include your best results for one of these test types. Note that English proficiency exams are valid for 2 years.

Attach your score report **below**.

Attach additional documents here:

Attach all documents listed above by clicking on "Attach file" button, browsing for your file on your computer, and uploading.

NOTE: Once you submit your application it is final. Schwarzman Scholars will not accept email attachments or hard copies of any documents. This includes test scores. Make sure you have followed the instructions and uploaded all required documents.

* = Required Field

Electronic Signature

Please review your application carefully. By signing this application form, you certify that your Schwarzman Scholars application is complete and accurate. Purposefully omitting or inaccurately reporting information requested on this form may constitute an act of academic dishonesty. Providing inaccurate information may result in the rejection of any application or withdrawal of an admission offer.

I hereby certify that the information I have provided in response to the questions on this form, including information contained in any supplemental material submitted, is complete and accurate; and that the essay questions I have submitted are my own work, and all factual representations made therein are true and correct.

I authorize the use of any and all information included in this application by the Schwarzman Scholars Program, including the Stephen A. Schwarzman Education Foundation, Tsinghua University, and all members of the selection and interview committees. This includes, but is not limited to: academic records, recommendation and assessment forms, biographical data, test scores and essays. I also waive my right to access letters of recommendation written on my behalf.

Schwarzman Scholars Program may use an analytics tool to process your personal data, which includes text analytics and does not use any AI or automated decision-making. This will be carried out (after decisions have been made) and will not affect the status of your application. The purpose of this is to test a tool used to assess similarities between the current applicant pool and a pool of successful prior applicants to understand high-level characteristics of successful applicants. The data that will be analyzed for this purpose include biographical data (such as age, native language, and citizenship) as well as application components such as biographical profile, essays, short answers, resume, and the "awards and accomplishments" section. This information is processed based on Schwarzman Scholars' legitimate interest, because these insights will assist assessment of applications by informing future use of data analytics in the selection process. This information will be retained in accordance with Schwarzman Scholars' retention policy, and in accordance with applicable law, and will not be transferred to any other organizations or internationally. You have the right to access, correct or erase any of the personal data which Schwarzman Scholars holds about you. You also have the right to complain to the applicable data protection authority. You have the right to object to how Schwarzman Scholars processes your personal data; if you have any questions about this, please contact admissions@schwarzmanscholars.org.

The Schwarzman Scholars privacy policy is available [here](#).

* Electronic Signature

Sidhant Gupta

Type your full legal name in the field above.

* Today's date

09/27/2019

[mm/dd/yyyy]

* = Required Field

Upload Page

This page will display any requirements that may be required as you complete the application.

Essays

* Leadership
Essay

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* Statement of
Purpose

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Transcripts

* Transcripts

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Resume/Curriculum Vitae

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