“A place where freedom meets discipline and vision coincides with innovation.

An institution where research excellence is a reality, and ‘dare to dream’ is our invitation.”
Welcome Message from the President

At HKUST, our belief in the importance of innovation has also been our challenge over the past 25 years. Today I am proud to say that we have risen up to the challenge and achieved far beyond what we hoped for. As we look forward to the next 25 years, our mission to advance learning and knowledge will only be realized as we continue to attract the brightest minds that dare to dream the biggest dreams.

Research is in the very fiber of our university. Through the years, our academic and research achievements have been globally recognized and awarded many prestigious accolades. Apart from academic and research excellence, we also pride ourselves as an institution that truly embraces diversity, which can be reflected in our faculty as well as our student body. Since day one, we have made international admission a priority because we staunchly believe that diversity stimulates the blossoming of ideas, and differences give impetus to the quest for breakthroughs.

With these deep-set values, we encourage students to take charge of their own academic endeavors. We provide the platform, the tools and the environment to promote creativity and facilitate connections that will inspire debates and spur discoveries. You have the responsibility to grasp the infinite opportunities offered and make things happen. Together we form a partnership to unleash the power of imagination.

We help you to be the innovators of today who will define the technology of tomorrow.

From the following pages, you will find out what sets HKUST apart in reputation and resources, and how this institution can be the place where your imagination becomes reality. As we nurture the confluence of fierce innovation, high-level knowledge and mindful persistence, we can create solutions and contribute to the common good in this world.

The challenge is ours to share.

Prof Tony F CHAN
President
The HKUST Difference

We take pride in our institution not only because of our rankings, but because we truly embrace and celebrate education as a global public good. Diversity is not just a buzzword here; it’s a way of living and learning.
Wide selection of programs offered by

SCHOOL OF SCIENCE
SCHOOL OF ENGINEERING
SCHOOL OF BUSINESS AND MANAGEMENT
SCHOOL OF HUMANITIES AND SOCIAL SCIENCE
INTERDISCIPLINARY PROGRAMS OFFICE

Truly Global, Proudly Diverse

Postgraduate Students at HKUST in 2015-16

Non-Local Nationality

250+
Exchange Partners

80% Non-Local Nationality

4500+
Postgraduate Students

Nationalities Represented

Coming from

60+
Countries

North America
Canada, United States

Europe
Austria, Belgium, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom

Africa
Algeria, Congo, Egypt, Madagascar, Nigeria, South Africa, Tunisia

Asia Pacific
Australia, Azerbaijan, Bangladesh, China, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Kazakhstan, Korea, Malaysia, Nepal, New Zealand, Pakistan, Philippines, Saudi Arabia, Singapore, South Korea, Sri Lanka, Taiwan, Thailand, Vietnam

Data as of June 2016

Exchange Partners

Coming from

60+
Countries

Nationalities Represented

Truly Global, Proudly Diverse
Michele CALIARI, from Italy
MPhil Student in Technology Leadership and Entrepreneurship

The best thing about HKUST is its uniqueness. It is a mixture not only of Asian and Western cultures, but also of the European and American teaching styles. I have been exposed to very diverse courses and professors; this experience has shaped me as a professional and given me the ability to adapt to different situations.

Meike SAUERWEIN, from Germany
PhD Student in Environmental Science, Policy and Management

"HKUST not only offers me a perfect platform to develop my expertise in my research field, but also provides me with great opportunities to gain a competitive edge by developing my proficiency in the Chinese language, making valuable connections, and getting deep insight into the local culture. It gives me a great starting point to develop my career, here in Asia or elsewhere in the world."

The Hong Kong Advantage

Located at the heart of Asia, Hong Kong is the premier gateway to China, the world’s largest trading economy. As such, it is a preferred entry point to China for businesses and a magnet for Asia’s financial and trading community.

- Strong resources and supports for research development and start-up activities.
- Financial hub with rule of law, low tax system, free flow of information and world-class infrastructure.
- Rated as the world’s freest economy by The Heritage Foundation for 22 consecutive years and consistently ranked 1st by the Fraser Institute for economic freedom.
- English is widely used and also the medium of instruction in the university.
- A 24/7 character with a wide spectrum of outdoor activities, dining and entertainment options.
Where Great Minds Converge

The greatest place is made up of the greatest people. Our outstanding faculty are distinguished scholars, dedicated teachers and passionate life explorers. They are here to nurture you, challenge you, and inspire you to fulfill your dreams.

650+ Faculty from 30+ Nationalities

22.5% North America
7.7% Europe
37.5% Mainland China
17.2% Hong Kong
0.2% Other Asian Countries
7.7% Central & South America
0.4% Other Asia
2.0% Australia and New Zealand

Data as of June 2016

80% coming from world renowned universities

Caltech  Cambridge  Carnegie-Mellon  Chicago
Columbia  Cornell  Duke  Harvard
Illinois  Imperial  London  Maryland
Michigan  MIT  New York  Northwestern
Oxford  Pennsylvania  Princeton  Purdue
Stanford  Toronto  UBC  UC Berkeley
UCLA  Washington  Wisconsin  Yale

Including HKUST

100% with PhD degree
HKUST Jockey Club Institute for Advanced Study (IAS)

IAS is an inclusive platform for exchange among the world’s greatest minds and a knowledge hub to nurture the brightest talents. It recruits top-notch scholars as IAS Professors to elevate the academic standing of HKUST and Hong Kong, invites visiting scholars from renowned universities and intellectual leaders in different areas to interact with our academic community, and drives a wide array of intellectual initiatives to foster collaboration among HKUST and global scholars in frontier research projects.

**Top-Notch Scholars as IAS Professors**

Prof Sir Christopher Pissarides
2010 Nobel Prize in Economics

Prof Ching W. Tang
2011 Wolf Prize in Chemistry

Prof George Smoot
2006 Nobel Prize in Physics

Prof Gunther Uhlmann
2011 Bôcher Memorial Prize

HKUST Jockey Club Institute for Advanced Study (IAS)

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Where Research Flourishes

An inquisitive mind is at the heart of HKUST, and research is the soul of this institution. Our goal is to extend the boundary of knowledge, solve problems, improve on what we already know, and make this world work better for everyone.

**Research Excellence Recognized**

The result of the Research Assessment Exercise conducted in 2014 exemplifies HKUST’s research excellence.

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Successful Knowledge Transfer - Inventions and Patent Applications

The Technology Transfer Center (TTC) serves as a bridge between the HKUST research community and the business sector. As the knowledge transfer agent of the University, TTC aims to facilitate effective technology development and transfer for the benefit of society.


<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invention Disclosures</td>
<td>139</td>
</tr>
<tr>
<td>Cumulative Invention Disclosures</td>
<td>1163</td>
</tr>
<tr>
<td>New Patent Applications Filed</td>
<td>198</td>
</tr>
<tr>
<td>New Patent Granted</td>
<td>93</td>
</tr>
<tr>
<td>Cumulative Patents (Cumulative Patent Applications)</td>
<td>433(1803)</td>
</tr>
<tr>
<td>Active Patents &amp; Patent Applications Managed</td>
<td>940</td>
</tr>
<tr>
<td>Patent Granted Success Rate %</td>
<td>81%</td>
</tr>
<tr>
<td>Inventors</td>
<td>212</td>
</tr>
<tr>
<td>Income from Industry through Knowledge Transfer HK$</td>
<td>64.8M</td>
</tr>
</tbody>
</table>

Data as of June 2015

Zhiliang QIAN, from China
PhD Student in Electronic & Computer Engineering Fulbright HK Research Scholar

I enjoy the experience of doing research with leading, diligent and enthusiastic professors. I have also benefited a lot from an exchange with Carnegie Mellon University, which was supported by HKUST. I hope I can continue my research in on-chip networks and contribute to the field of electrical engineering with what I have learned at HKUST.

George Alexandru TILITA, from Romania
PhD Student in Mechanical Engineering Recipient of HK PhD Fellowship Award

Having the resources that I could not have imagined accessing back home helped me and my team develop a novel way of 3D printing metal alloys, for which we now have a patent pending for the new technology. This has in turn opened up the world of scientific conferences where I’ve been able to present my findings to the scientific community.

Siyuan WANG, from China
PhD Graduate in Chemistry Fulbright HK Research Scholar

Supported by a Fulbright Junior Research Award, I spent a fruitful year in the U.S. and Switzerland. My project was to explore nature and the evolution of the earth’s atmosphere, and how that affects our lives. It was a great experience that broadened my academic and personal horizons.
HKUST currently offers two types of postgraduate programs:

<table>
<thead>
<tr>
<th>Research Postgraduate Programs (RPg)</th>
<th>Taught Postgraduate Programs (TPg)</th>
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<tbody>
<tr>
<td><strong>Degree Type</strong></td>
<td></td>
</tr>
<tr>
<td>• Master of Philosophy (MPhil)</td>
<td>• Executive Master of Business Administration (EMBA)</td>
</tr>
<tr>
<td>• Doctor of Philosophy (PhD)</td>
<td>• Master of Business Administration (MBA)</td>
</tr>
<tr>
<td></td>
<td>• Master of Arts (MA)</td>
</tr>
<tr>
<td></td>
<td>• Master of Science (MSc)</td>
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<tr>
<td></td>
<td>• Postgraduate Diploma (PGD)</td>
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</table>

| **Program Requirements**             |                                    |
| Involves the completion of coursework and independent research, and successful defense of thesis | Fullfill the minimum coursework requirements and projects if any |

| **Normal Study Duration**            |                                    |
| • 2 years for MPhil studies (Full-time) | • 1 to 2 years (Full-time)          |
| • 3 or 4 years for PhD studies, depending on entry qualifications (Full-time) | • 1.5 to 3 years (Part-time), depending on individual programs |

Your Options – The Programs

2017-18 Postgraduate Programs

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<td>Postgraduate Diploma (PGD)</td>
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### Science
- Analytical Chemistry
- Biotechnology
- Chemistry
- Financial Mathematics
- Life Science
- Mathematics
- Mathematics for Educators
- Nano Science and Technology
- Physics

### Engineering and Technology
- Aeronautical Engineering
- Big Data Technology
- Bioengineering
- Chemical and Biomolecular Engineering
- Civil Engineering
- Civil Infrastructure Engineering and Management
- Computer Science and Engineering
- Electronic and Computer Engineering
- Electronic Engineering
- Engineering Enterprise Management
- IC Design Engineering
- Industrial Engineering and Logistics Management
- Information Technology
- International Business and Management
- International Finance and Management
- International Transport Operations Management
- Mechanical Engineering
- Technology Leadership and Entrepreneurship
- Telecommunications

### Environmental Studies
- Atmospheric Environmental Science
- Environmental Engineering
- Environmental Engineering and Management
- Environmental Health and Safety
- Environmental Science and Management
- Environmental Science, Policy and Management
- Marine Environmental Science
Get a Taste of Study Life at HKUST - Visiting Student

We welcome quality and enthusiastic students from all over the world to take courses or conduct research on a short-term basis.

For more program details, please visit pg.ust.hk/programs

Berto LEE, from Germany
PhD Student in Environmental Science, Policy and Management
Recipient of HK PhD Fellowship Award

Asia is exciting and vibrant, both culturally and monetarily. Hong Kong has always been fascinating as a dynamic place at the crossroads of East and West. After deciding to make Hong Kong my tertiary education home base, HKUST became a natural choice because of its international renown and widespread acclaim for its academic and research achievements.

Avik Kumar DAS, from India
MPhil Student in Civil Engineering
Recipient of Asian Future Leaders Scholarship

I really liked HKUST when I came as a visiting intern. A combination of world-class faculty, excellent facilities, stunning sea views and ample opportunities is surely unique. And that is why I’m pursuing my MPhil studies here now.

Fei ZHOU, from China
PhD Student in Economics
Recipient of HK PhD Fellowship Award

HKUST is undoubtedly the best choice for students who have academic ambitions. Professors have received their degrees from top institutions and are really good at motivating their students. And they are easy to approach and could help you develop new ideas together with your professors.

Kellogg-HKUST Executive MBA
HKUST Executive MBA
HKUST-NYU Stern MSc in Global Finance
MBA
Accounting
Business Analytics
Economics
Finance
Global Operations
Information Systems
Information Systems Management
International Management
Management
Marketing
Operations Management

Humanities and Social Science

Chinese Culture
Global Ethics Studies
Humanities
International Language Education
Teaching Chinese as a Second Language
International Language Education
Teaching English as a Second Language
Social Science

Research Postgraduate Programs
Taught Postgraduate Programs
Business and Management
Humanities and Social Science

Kellogg-HKUST Executive MBA
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HKUST-NYU Stern MSc in Global Finance
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Finance
Global Operations
Information Systems
Information Systems Management
International Management
Management
Marketing
Operations Management

Humanities and Social Science

Chinese Culture
Global Ethics Studies
Humanities
International Language Education
Teaching Chinese as a Second Language
International Language Education
Teaching English as a Second Language
Social Science

Research Postgraduate Programs
Taught Postgraduate Programs
Business and Management
Humanities and Social Science
Tuition Fees
Research Postgraduate Programs (MPhil & PhD)
HK$42,100 per year (full-time/part-time)

Taught Postgraduate Programs (EMBA, MBA, MA, MSc, PPO)
Information is available on the relevant School/Program websites, please visit pg.ust.hk/programs

Your Actions – Admissions

Fully-Funded Research Postgraduate Studies

Postgraduate Studenthip (PGS)
- HK$115,000/year
- Up to 2 years for full-time MPhil students and 4 years for full-time PhD students

Hong Kong PhD Fellowship Scheme (HKPFS)
- An internationally recognized award for PhD students established by the Hong Kong Government
- HK$240,000/year and a conference travel allowance of HK$10,000/year
- Application Deadlines: 1 Dec

Asian Future Leaders Scholarship Program (AFLSP)*
- A scholarship program for young East and Southeast Asian scholars to pursue MPhil studies and cross-cultural enrichment
- HK$199,992/year for full-time MPhil students
- Application Deadline: 28 Feb 2017

Guaranteed university accommodation for full-time research postgraduate students in the first 2 years of study

Oversea Research Attachment (ORA)
- HK$8,000/month for PhD students to engage in an overseas research attachment for 2 to 6 months

Research Travel Grants (RTG)
- A funding support to cover the travel costs for presenting research papers overseas

Hong Kong PhD Fellowship Scheme (HKPFS)
- The Hong Kong PhD Fellowship Scheme has broadened my horizons culturally and academically, and enabled me to make a difference both in Hong Kong and in Africa.
- Thanks to the AFLSP and HKPFS, I have been able to network with the world’s top research groups through the Institute for Advanced Study and then relax after a hard day’s work by fishing in the ocean at night.

Oversea Research Attachment (ORA)
- The HK PFS has allowed me to travel to other countries and meet people from different cultures.
- I am very grateful for the opportunity to travel and experience different cultures.

Research Travel Grants (RTG)
- Thanks to the RTG, I have been able to travel to different countries and meet people from different cultures.
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Research Travel Grants (RTG)
- Thanks to the RTG, I have been able to travel to different countries and meet people from different cultures.
- I am very grateful for the opportunity to travel and experience different cultures.
Admission Requirements

1 General Requirements

For admission to a master's degree or postgraduate diploma program, you should have:
- obtained a bachelor's degree from a recognized institution, or an approved equivalent qualification;

For admission to a PhD degree program, you should have:
- obtained a bachelor's degree with a proven record of outstanding performance from a recognized institution; or presented evidence of satisfactory work at the postgraduate level on a full-time basis for at least one year; or on a part-time basis for at least two years.

2 English Requirements

You have to fulfill the English Language requirements with one of the following proficiency attainments*:

-TOEFL – Paper-based Test (pBT) 80
-TOEFL – Internet-based Test (iBT) 55
-IELTS Overall score: 6.0 and all sub-scores: 5.5

*If your first language in English, and your bachelor’s degree or equivalent qualification was awarded by an institution where the medium of instruction was English, you will be waived from fulfilling these English Language requirements.

Admissions Timeline

2017-18 Fall Intake
- 1 September 2016: Applications open
- 1 December 2016: HKPFS applications close
- December 2016 onwards: The closing dates for individual program vary. Please check the program closing dates at pg.ust.hk/deadlines and apply well before the respective deadlines
- 28 February 2017: AFLSP* applications close
- January to August 2017: Admission offers issued
- Mid-August 2017: Program registration

2017-18 Spring Intake
- October 2017: Applications open
- Late December 2017: Applications close
- Mid-January 2018: Program registration

Apply online at pg.ust.hk/apply and get ready to learn from the best and with the best at HKUST!

Ready to submit your application and encounter with the infinite opportunities at HKUST?

Make Your Application
We started our RPg studies with the intention to learn to be a successful entrepreneur at a place with many resourceful people. "HKUST fosters entrepreneurship with different courses and competitions to transfer what has been learned and developed into practice."

We know how it is to build something great from nothing. We know how it is to believe in your (somewhat crazy) dreams and let them soar. With state-of-the-art facilities and ample resources, this is the place to nurture your entrepreneurial spirit and let it come alive. This is where your idea can be transformed into action.

HKUST’s MPhil program of Technology Leadership and Entrepreneurship (TLE) brought three young people together and their lives were forever changed. Jitesh Chhabria, Phillip Chan and Derek Yip have caused a storm ever since they designed a sensor-embedded smart sleeve that provides users virtually assisted fitness training anywhere, anytime. The product, Fit-Kick, first won the championship at HKUST’s Healthcare Designathon Competition. The trio then became one of the eight teams in Asia selected to join the AIA Accelerator program. They went on to win top awards at the YDC E-Challenge as well as the JEC Outstanding Engineering Project Awards. The goal of the TLE program is to enhance students' development in technology innovation, leadership skills and capability for entrepreneurship. The innovators feel empowered by the program to realize their entrepreneurial dreams. "Studying in the RPg program gives me solutions and a safety net: flexibility, assistance from the fellowship, and access to experts and support in all areas," says Derek.

The trio founded their own start-up, Sensable Dynamics, and launched a new product as an extension of their initial innovation – Koach TV is now the world's first smart and fully-connected video workout platform. "We want to change the way fitness facilities offer their services, and reach out to a wider and busier audience," says Phillip. All these excitements seem to be just the beginning for these three young entrepreneurs.

Three HKUST postgraduate students from different programs joined hands to bring to the market an ultrasound technology that enables drugs to be delivered into the eye painlessly, leaving no side effects. The device is revolutionary since it can spare patients from invasive eye injections. Having won multiple accolades, the new technology is now under preclinical development and seeking regulatory approval which will pave the way for market entry.

One of the innovators, Jan Engels, PhD Student in Chemistry, remembers being inspired by the strong entrepreneurial culture at HKUST. "I joined regularly the Be Your Own Boss (BYOB) seminar series organized by the Entrepreneurship Center which gave me great insights on entrepreneurship and starting your own business," says Jan. He entered the HK$1 Million Dollar Accelerator competition in Hong Kong in 2014. The trio enrolled in a PG course which taught them how to write a business plan and where they met other Co-founders.

With the support and knowledge they received from the University, their innovation went on to win the HK Chapter championship, Asia Region championship and Asia Rising Star Award in the 2015 TiE International Business Plan Competition and was named one of 50 emerging global entrepreneurs to watch by Inc. Magazine. Jan and his partners, Langston Suen, PhD graduate in Chemical and Biomolecular Engineering, and Mathew Mak, MPhil graduate in Electronic and Computer Engineering, subsequently founded their own company. "I'm looking forward to pitching our innovation in front of investors, raising seed funding, and being my own boss," says Jan.

Nurturing the Entrepreneur

Facilities to Transform your Ideas to Actions:
• HKUST Entrepreneurship Center
• HKUST Technology Transfer Center
• HKUST R and D Corporation Limited

"HKUST fosters entrepreneurship with different courses and competitions to transfer what has been learned and developed into practice."

Jan ENGELS (2nd left)
Co-founder
PhD Student in Chemistry
Langston SUEN (3rd left)
Co-founder
PhD graduate in Chemical and Biomolecular Engineering
Mathew MAK (3rd right)
Co-founder
MPhil Student in Electronic and Computer Engineering

Jitesh CHHABRIA (left)
Co-Founder & CEO of Koach TV
MPhil Student in Technology, Leadership and Entrepreneurship
Phillip CHAN (middle)
Director of Technology & Co-Founder of Koach TV
MPhil Student in Technology, Leadership and Entrepreneurship
Derek YIP (right)
Director of Operations & Co-Founder of Koach TV
MPhil Student in Technology, Leadership and Entrepreneurship

Jitesh CHHABRIA
Co-founder & CEO of Koach TV
MPhil Student in Technology, Leadership and Entrepreneurship
Langston SUEN
Co-founder
PhD graduate in Chemical and Biomolecular Engineering
Mathew MAK
Co-founder
MPhil graduate in Electronic and Computer Engineering

24

25
Frank WANG
Founder, CEO and CTO at DJI
MPhil Graduate in Electronic and Computer Engineering

Frank is a dreamer. He dreamed of building flying machines ever since he was little. In 2006, his first year as an MPhil student, he founded DJI, a company which is now the global leader in developing and manufacturing small, unmanned automated aerial systems for commercial and recreational use.

The encouragement he received at HKUST helped his dream—and his drones—take flight. He remembers his mentor and supervisor with particular appreciation, “His research field is in robotics rather than unmanned aerial systems, but he was open to my interest and let me follow it. He also recommended some of his students to join my company. He helped us a lot.”

Based in Shenzhen, DJI now operates in the Americas, Europe, Japan, Hong Kong and Mainland China with a workforce of over 5,000 employees. He was also selected as one of the Top 10 Innovators from China by Forbes in 2014.

“I started my company in the first year of my PG study and received lots of help from professors who believed in my dreams.”

Prof Naubahar SHARIF
Associate Professor in Social Science at HKUST
MPhil Graduate in Social Science

Impressed by the Founding President, Naubahar obtained his BBA and MPhil at HKUST. He went on to complete his PhD in the US. Later he decided to return to his alma mater, “Hong Kong is carving out a role for itself in the new knowledge-based global economy, and repositioning itself in a new relationship with Mainland China. My career goals are to help Hong Kong move forward at this important juncture in our history.”

Naubahar has consulted for the Hong Kong Innovation and Technology Commission to create a framework for assessing the impact of innovation on Hong Kong’s economy. He also developed a massive open online course (MOOC) on “Science, Technology and Society in China,” which was hailed as Asia’s first MOOC. In 2009, he received the HKUST School of Humanities and Social Science Best Teacher Award.

“We might consider ourselves big in Hong Kong, but we need to see things from a global perspective.”

Eddy WU
Executive Medical Director, China at Allergan
PhD Graduate in Biochemistry

Having worked in a number of countries, Eddy cannot stress enough the importance of seeing things globally. He began his career with Novartis in 2006 and was later stationed in Basel, Switzerland, where he served as Medical Director for the Asia Pacific, Middle East and African Countries (AMEAC) region. He travelled to Shanghai to take up the position of Executive Medical Director, China at Allergan.

Eddy has received numerous awards for his professional achievements: the Most Desirable Rookie, the Novartis Golden Employee Award, and the Asia Pacific Best Practice (Medical Science Liaison) Award, just to name a few. But he traced everything back to his training at HKUST, which helped him broaden his horizons. He is particularly grateful to his mentor and PhD supervisor, for inspiring him to approach issues from a wide range of perspectives.

Mapping Your Career

You may already know exactly what you want to do. Or you may still be exploring the possibilities. Regardless, your time here will help you assess your strengths and interests—your niche—to strategize a career roadmap. We have a track record to prove that.

Frank WANG
Founder, CEO and CTO at DJI
MPhil Graduate in Electronic and Computer Engineering

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We are known for our beautiful campus with breathtaking views of Clear Water Bay, but there is much more than meets the eye. This place allows you to work and play, to sweat and laugh. This is where you can call home.
If you have any questions or concerns regarding application procedures and admissions matters, please contact:

Office of Postgraduate Studies, HKUST

http://pg.ust.hk

gradmit@ust.hk