



Bright Future Engineering Talent Hub Summer Research Internship

The Summer Research Internship provides opportunities for secondary school students to undertake engineering-related research attachments for approximately one month at CityU during summer 2022. Students will be actively engaged in CityU laboratories under the supervision of CityU PhD students and a faculty member as an advisor.

During the internship, students will:

- Develop research skills and knowledge in a specific area of interest
- Join a world-class research team and work alongside with leading experts in the field
- Establish professional networks for future studies and career

Eligibility

- Secondary 4 - 6 students
- High proficiency in English with good academic standing
- Nominated by at least one referee from the school

Key Dates

- Application Deadline: 9 March 2022
- Internship duration: 4 weeks in July - August 2022
- Interview: 19 March 2022 (Tentative)
- Release of result: mid-April 2022

Application

Applicants are required to fill in the application form (both Student and Referee parts) and submit by email (BFEngg.Hub@cityu.edu.hk) or fax (3442 0293).

Research areas

Academic Units	Research Topic
Advanced Design and Systems Engineering	Prototypes for Smart Cities and Smart Manufacturing
Architecture and Civil Engineering	Built-informatics and Smart Cities Cluster: The Access to the Metaverse of Digital Architecture and Engineering
Biomedical Engineering	Learn Microfluidics with Fun
Building Science and Technology	Knowing the Building Conditions and Safety
Electrical Engineering	State Key Lab Research Summer Internship
	CityU RoboCon Team Summer Internship
	CityU ROV (Remotely Operated Vehicle) Team Summer Internship
Mechanical Engineering	Droplet Electricity Generator
	Super Bamboo
	Robotics
Materials Science and Engineering	Enhanced Solar Water Splitting
	Rechargeable Calcium-ion Batteries as an Alternative for Use as Post-Lithium-ion Batteries
	Artificial Visual Systems Enabled by Quasi-Two-Dimensional Electron Gases in Oxide Superlattice Nanowires

If you have any enquiry, please contact us by phone at 3442 2770 or email to BFEngg.Hub@cityu.edu.hk.



To: Bright Future Engineering Talent Hub, College of Engineering, City University of Hong Kong
 Fax: 3442 0293
 Email: BFEngg.Hub@cityu.edu.hk

**Bright Future Engineering Talent Hub
 Summer Research Internship
 Application Form**

[Please return on or before 9 March 2022 (Wednesday)]

To be completed by student:					
Applicant Name:		(中文)		(ENG)	
Email:					
Contact Number:		(Mobile)		(Home):	
Age:		Gender:		Grade/Form:	
School Name:					
*Interested Research Topic:					

*You can refer to the list on Page 1 or suggest a topic of your own interest.

Describe any experience that will help you with this internship. (200 words)

Describe your career goals and how this internship will help you reach these goals. Please be specific about the experiences you want to gain through this internship and why you believe this internship can provide such experiences. (200 words)



Explain why you select the specific research area(s). (200 words)

Additional information (Optional)

Student Signature: _____

Date: _____



To be completed by school teacher:			
Name:		Position:	
School Name:			
Email:			
Contact Number:	(Mobile)	(Work)	

1. How long have you known this student and in what context?

2. What is the first word that comes to your mind when describing this student?

Please tick the appropriate box:

How do you rate this student in terms of	Weak or Non-existing	Basic	Proficient	Superior	Exemplary
Academic Achievement					
Interest in STEM					
Discipline					
Self-Motivation					
Creativity					
Interpersonal Skills					
Writing Skills					

Additional Comments (Optional)

Teacher Signature: _____

Date: _____