

## ANNEX A – Profiles

### Profile Stories (Undergraduate)



#### Lee Guang Jie, 24 years old

- 2020 BCA-SoilBuild iBuildSG Undergraduate Sponsorship
- NTU Bachelor of Engineering (Civil Engineering)
- Will commence bond in 2021

### Inspired by Family Members

1. Since young, Guang Jie has been listening to stories from his father about his days when he worked as a construction supervisor in the family's construction business. This, together with the excellent job security, led him to choose Civil Engineering in Singapore Polytechnic as his first choice of study.
2. He previously interned at Yongnam Pte Ltd where he took on the role of a Project Engineer as well as a Safety Supervisor. The internship allowed him to build up fundamental skills such as deciphering drawings, preparing progress reports and communicating with the main contractor regarding the site handover and takeover. After completing his polytechnic studies, he decided that he would pursue Civil Engineering as a career and furthered his studies in Civil Engineering in Nanyang Technological University.
3. Coming from a diploma background, where the focus was on practical and hands-on learning, such as in various building projects, the progression to a university education in Civil Engineering complete Guang Jie's holistic learning where he was able to build a strong foundation in the theoretical aspects of Civil Engineering.
4. He is thankful for the opportunity given by the iBuildSG Scholarship and Sponsorship programmes as it allows him to fully pay off his student loans, giving him a debt-free start to his career.
5. He will be joining Precast Concrete Pte Ltd, a subsidiary of Soilbuild, as an intern for his Professional Internship in the final semester of his current university studies. Aside from his father, Guang Jie's older brother is also in the construction sector. His older brother, previously a BCA-SOILBUILD iBuildSG scholarship award recipient, had encouraged him to join the sector and recommended him to his current company where he works as a Design for Manufacturing and Assembly (DfMA) Engineer. Guang Jie is excited to work alongside his brother in transforming the sector.

## Profile Stories (Undergraduate)



### Tan Jia Xian, 24 years old

- 2020 BCA-Forum Architects iBuildSG Undergraduate Scholarship
- NUS, Architecture
- Will commence bond in 2021

## Aspiring Architect

1. Jia Xian has always enjoyed designing things, from notice boards to class t-shirts, since her secondary school days. Her interest in the Built Environment began in the last year of her diploma studies in Landscape Design and Horticulture at Ngee Ann Polytechnic. It was through the various design projects that she realised the impact design has on the environment, and more importantly, the people.
2. Therefore, she decided to pursue Architecture at the National University of Singapore. The course broadened her perspective on sustainable and human centric designs.
3. By the third year of her bachelor studies, she was assured by her choice of study. After seeing the opportunities and benefits that the BCA-Industry iBuildSG Undergraduate Sponsorship/Scholarship programme had to offer, and with some encouragement from a friend, Jia Xian applied, and was awarded the scholarship.
4. Through the iBuildSG scholarship, she had the privilege to attend talks and networking sessions which landed her a summer internship at SA Chua Pte Ltd. This programme has truly opened many doors for her, one of which being an employment with Forum Architects Pte Ltd upon graduation in 2021. The scholarship award not only supported her financially for the last 2 years of her studies, it has also taken away her worries on job security after graduation.
5. Thus, she is very grateful for the programme. She hopes to be able to continue learning from every opportunity that comes her way and make a positive impact to the Built Environment sector. She is a firm believer that it is important for us to plan our every stroke in the built environment She stands by what Sir Winston Churchill once said: *"We shape our buildings; thereafter they shape us."*

## Profile Stories (Undergraduate)



### Teh Ming Xuan, 26 years old

- 2020 BCA-Kimly iBuildSG Undergraduate Scholarship
- SIT Bachelor of Engineering (Civil Engineering)
- Serving bond since Oct 2020

## Passion in advanced technologies

1. Upon graduation from Singapore Institute of Technology (SIT) with a Bachelor of Civil Engineering, Ming Xuan joined Kimly Construction Pte Ltd as a Planning Engineer in Oct 2020.
2. Through a sharing session at a seminar, he learnt more about what Kimly could offer – exposure to different areas, including advanced technologies such as advanced robotics and automation. He subsequently took up an internship with Kimly. He has always had an interest in automation technologies and is keen to pave a career in transformation areas of Integrated Digital Delivery (IDD) and Design for Manufacturing and Assembly (DfMA).
3. His 8-month internship with Kimly was an eye-opener as he was rotated between 3 different departments to learn and assist co-workers and supervisors in various projects, which included being involved in tendering process, to preparation of architectural shop drawings and keeping track of schedule and preparations for an on-going PPVC project. The internship exposure affirmed his passion in productive technologies; Ming Xuan went on to accept a full-time job position and sponsorship with Kimly.
4. Apart from being involved in DfMA at Kimly's fit out Prefabricated Prefinished Volumetric Construction (PPVC) factory, he is also part of the tender support team to propose IDD initiatives specific to project tender requirements. In addition, he is also involved in the team proposing advanced robotics and automation at Kimly Innovation Hub for both project implementation and R&D purposes. He hopes to advance his knowledge and skills in IDD and DfMA and make his mark in transforming the sector.

## Profile stories (Diploma)



### Wong Yishan, 23 years old

- 2020 BCA-EM Services iBuildSG Diploma Sponsorship
- 2016 BCA-Industry iBuildSG ITE Scholarship
- Diploma in Energy Systems & Management at Singapore Polytechnic, Grad 2020
- Higher Nitec in Electrical Engineering, Grad 2017
- Bond Commencement 1 Dec 2020
- Currently working as property officer at Tampines Town Council

## Continuous upgrading and positive attitude towards challenges

1. Yishan is the oldest of 4 children. She took up the iBuildSG ITE Scholarship programme due to financial reasons, as her mother is the sole breadwinner ever since her father had a stroke that left him partially paralyzed when she was still at ITE.
2. Empathetic and compassionate, Yishan enjoys helping others and was the Community Service Club President during her ITE days, organizing activities to engage elderly. Taking up the iBuildSG ITE scholarship gave her direction for her career plans, where she subsequently pursued a Diploma in Energy Systems and Management at Singapore Polytechnic and was awarded the BCA-EM Services iBuildSG Diploma Sponsorship.
3. She is thankful for the job opportunity and sponsorship by EM Services, especially since she graduated during the Covid-19 period. She is glad that her current job scope falls under essential services, providing her job and financial security for her family.
4. As a property officer at Tampines Town Council, she enjoys helping people troubleshoot their problems and bringing joy to them. Her work scope includes ensuring that HDB estates under her care are in good condition by doing routine maintenance inspection daily, updating residents on the monthly maintenance events such as pest control, block washing, etc.
5. Since 2013, EM Services Pte Ltd has been very supportive of the iBuildSG Undergraduate / Diploma Sponsorship programmes, awarding more than 50 sponsorships to students. Tapping on this programme, the firm has been able to inject new talent to their workforce.

## Profile stories (ITE)



### Chai Gao Jun, 30 years old

- 2020 BCA-CCA & Partners iBuildSG ITE Scholarship
- Nitec in Electrical Technology (Power & Control)
- Bond commencement: 20 Nov 2019
- Currently working as Assistant Designer at CCA & Partners Pte Ltd

### Persevering to learn amidst challenges

1. Gao Jun had always been intrigued by complexities of troubleshooting electrical faults at home and this led him to pursue Nitec in Electrical Technology (Power & Control) in ITE. He went on to pursue his further studies in Higher Nitec in Electrical Engineering in 2015. When he learnt of the iBuildSG ITE Scholarship programme, he saw the opportunity to be able to advance his career in electrical engineering and decided to apply for it.
2. Unfortunately, he learned of his hearing impairment during a medical screening prior to enlistment for National Service and has been on hearing aid since. As a result, he has also been affected by speech impediment. Grappling with one challenge after another, he and his younger brother are also the sole breadwinners of the household as his mother is a single mother who has been unemployed for 20 years.
3. He had been trained for hands-on electrical works during his ITE course, but his hearing condition limited his career options since it is unsafe for him to deal with on-site electrical installations. Driven by the need to support his family, he diligently looked for a job despite being turned down by several firms until his perseverance paid off and he was offered an assistant designer position with CCA & Partners Pte Ltd.
4. He was given the chance to take on a new challenge at work to be involved in the design of M&E services which he was not trained for in ITE. He faced challenges communicating with colleagues while having to learn on the job initially, but they have been very understanding, providing him with valuable guidance along the way. He is grateful for the opportunity to be offered a sponsorship by CCA & Partners Pte Ltd.
5. With added assistance from colleagues, coupled with newly gained confidence and knowledge, Gao Jun has applied to further his studies part time in Diploma in Electrical Engineering at the Singapore Polytechnic.

## Profile stories (Building Specialist Sponsorship)



### Omar Bin Shamsudin, 33 years old

- 2020 BCA-Hitachi Elevator Asia iBuildSG Building Specialist Sponsorship
- Pursuing Work Study Diploma (WSDip) in Vertical Transportation
- Currently working as Lift Technician with Hitachi Elevator Asia Pte. Ltd.

### From Hobby to a Career as Lift Technician

1. Since young, Omar has had a passion in the technical side of things which led him to study a Higher Nitec in Mechatronics. During his free time, he is a 'Mechanic' servicing his own motorcycle.
2. Following a friend's recommendation, he decided to leave his previous job as a dispatch rider to pursue a Mechanic role to develop a specialised technical skill. Since July 2014, he has joined Hitachi as a Lift Technician.
3. His passion in this field did not stop here. When ITE started their first run of Work Study Diploma (WSDip) in Vertical Transportation in 2019, Omar was excited about the programme and wanted to enroll in this programme. Hitachi selected him due to his strong determination and great enthusiasm for the job.
4. With the years of experience in lift maintenance, he was able to grasp the theoretical aspect of classroom training and gained a more in-depth understanding of the mechanical way of doing things. The course further enhanced his skills set which in turn aided him to perform his lift maintenance work with confidence.

## Profile stories (Part-time Undergraduate)



### Lee Cheng Yi, 29 years old

- 2020 BCA-Sembcorp Specialised Construction iBuildSG Undergraduate Sponsorship (part-time)
- 2015 BCA-Sembcorp Design & Construction iBuildSG Diploma Scholarship
- Part time Bachelor of Building and Project Management at Singapore University of Social Sciences and BCA Academy, Expected Graduation in 2024
- Diploma in Architecture at Singapore Polytechnic, Grad 2016
- Working as Assistant Engineer (Architectural) at Sembcorp Specialised Construction since 2016
- Expected Bond Commencement 2024

### Continuous upgrading with supportive sponsoring firm

1. Cheng Yi is the youngest of 3 children. He became interested in architecture while watching his brother sketch buildings during their childhood days.
2. Knowing that the Built Environment sector is for him, he took up the iBuildSG Diploma Scholarship and subsequently the iBuildSG Undergraduate Sponsorship (part-time). He encourages those who are committed to the Built Environment sector to consider the sponsorship programme to upgrade themselves. He is also thankful to his firm for being supportive of his upgrading over the years.
3. Cheng Yi is an on-site assistant engineer who has recently completed the architectural works for an office project that started in 2016. He is grateful to be involved in some coordination between the architects, specialists and different contactors, feeling a sense of accomplishment when the building is completed to the designs.
4. Strong willed, with an ability to adapt to any situation, and with a positive mindset, he is unfazed by the challenging work environment required from working as a main contractor and balancing his part-time undergraduate studies.

## ANNEX B – iBuildSG Scholarship and Sponsorship: Facts and Figures

Table 1: iBuildSG scholarship and sponsorship recipients 2020

Programmes	Total	Male	Female
Undergraduate scholarship recipients	117	86	31
Undergraduate sponsorship recipients	223	134	89
Undergraduate direct Stage 2 <sup>1</sup> recipients	9	4	5
Diploma scholarship recipients	16	13	3
Diploma sponsorship recipients	31	16	15
ITE scholarship recipients	34	26	8
Postgraduate sponsorship recipients (Part-time)	27	19	8
Undergraduate sponsorship recipients (Part-time)	5	3	2
Diploma sponsorship recipients (Part-time)	0	0	0
Building Specialist Sponsorship recipients (Foreman/Supervisor/Specialist development)	7	7	0
Building Specialist Sponsorship recipients (Crane Operations)	3	3	0
<b>Grand Total</b>	<b>472</b>	<b>312</b>	<b>160</b>

Table 2: Industry Sponsors

Industry sponsors	Number
Undergraduate Scholarship / Sponsorship	69
Diploma Scholarship / Sponsorship	5
ITE Scholarship	4
Postgraduate Sponsorship (Part-time)	17
Undergraduate Sponsorship (Part-time)	5
Diploma Sponsorship (Part-time)	0
Building Specialist Sponsorship	8
<b>Total unique number of sponsors</b>	<b>100</b>

Please note: Information in Tables 1 and 2 is accurate as at 8 Jan 2021

<sup>1</sup>Undergraduate Direct Stage 2 programme provides post-Degree development for the recipients, which includes structured On-Job-Training (OJT) and upgrading/ training opportunities.

## **ANNEX C – About the iBuildSG Scholarships and Sponsorships**

### ***Introduction***

The iBuildSG Postgraduate / Undergraduate / Diploma / ITE Scholarship/Sponsorship (full-time / part-time) Programme is a partnership between BCA and industry firms for young people with high calibre aspiring to take on a career in the BE sector. The scholarship/sponsorship programme is available for full-time and part-time BE courses at local Universities, Polytechnics, ITEs and the BCA Academy.

The Stage 2 Post-Degree / Diploma / ITE Development Programme encourages scholarship and sponsorship recipients to remain in the BE sector upon completion of their bond. The Stage 2 programme spans 2 years for graduates from the Degree and Diploma programmes and 3 years for ITE graduates, and involves structured On-Job-Training (OJT) and upgrading / training opportunities. If the scholarship and sponsorship recipients remain in the BE sector beyond their bond period, they will receive retention incentives and training grants.

For more information on the programmes, visit <http://www.buildingcareers.gov.sg>.