

ANNEX C – Selected Profiles of Exemplary Scholarship and Sponsorship recipients

Profile Stories (Undergraduate working scholarship recipient)	
	Teoh Lai Xing, 30 years old • 2013 BCA-Teambuild iBuildSG Undergraduate Scholarship • Bachelor of Engineering (Civil Engineering), NTU • Currently working as Senior Project Engineer at Teambuild
<u>Career Progression and Exposure to Advanced Technologies in the Built Environment Sector</u> • Upon graduation in 2015, Lai Xing joined Teambuild as an Assistant Project Engineer. He was later promoted to Project Engineer and Senior Project Engineer in 2016 and 2017 respectively. • He was involved extensively in projects that adopted Precast Construction, both conventional as well as Volumetric Construction. He was given the opportunity to witness Teambuild's journey in the use of Volumetric Construction, from Prefabricated Volumetric Construction (PVC) for a public housing project West Terra @ Bukit Batok back in 2015, to full Prefabricated Prefinished Volumetric Construction (PPVC) at Fernvale Glades in Jalan Kayu in 2018, as well as an upcoming development, CCKN8C11, at Choa Chu Kang. • Lai Xing had the chance to practice construction methods utilising Mass Engineered Timber (MET) as well as DfMA (Design for Manufacturing & Assembly) link bridges during his first project. • In addition, as all projects that Lai Xing was involved in were Design and Build projects, he was able to inject ideas to refine the construction process and methodology for PPVC construction.	

Profile Stories (Undergraduate)



Elisabeth Lee, 21 years old

- 2019 BCA-CPG iBuildSG Undergraduate Sponsorship
- Pursuing Bachelor of Engineering (Civil Engineering), NUS
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Interest in civil engineering sparked further by internship

- Since young, Elisabeth has been fascinated by unique infrastructure and buildings and knew that civil engineering was the right choice of course for her in university. The vast knowledge and skills gained on structural design in the first three years of study in NUS Civil Engineering have made her more certain of her career choice to be a structural consultant after graduation.
- To gain more exposure to working life in a consultant firm and understand the job scope of a structural engineer, she decided to intern at CPG Consultants in her third year. Through her internship at CPG, she was given the opportunity to be involved in mega projects, use the latest engineering software as well as deepen her understanding of structural design for superstructures and substructures.
- One of the mega projects that she was involved in was the Deep Tunnel Sewerage System (DTSS), worth more than S\$500 million. She was involved in the design of underground circular concrete pipes, a substation and its foundation, and also learnt how to design underground chambers. On top of design work, she was able to hone her interpersonal skills through interaction with contractors and on-site engineers. In addition, she learnt how to prepare submission packages to various authorities.
- The internship had opened her eyes to the work in a consultant firm and affirmed her career choice. Meanwhile, her positive work attitude and internship performance had impressed CPG and led them to offer her a full-time position with them and sponsor her university studies.
- She is inspired to contribute towards the development of Singapore's future landscape and believes that the sponsorship will help to take her interest even further. Although Civil Engineering work is demanding at times, she feels that the greatest joy lies in the entire process of seeing one's hard work turn into fruition and that there is always much to learn, especially with the current transformation of the BE sector.

Profile Stories (Undergraduate)



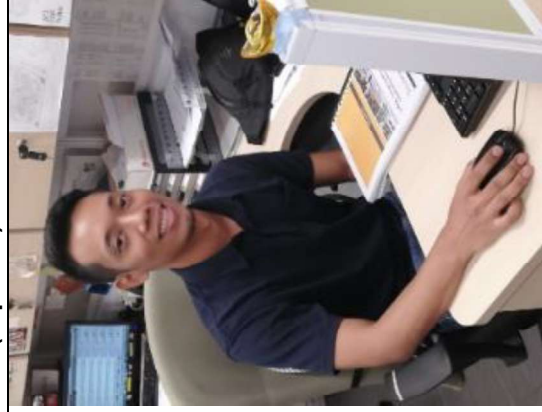
Benjamin Chong Mun Choen, 23 years old

- 2019 BCA-WOHA iBuildSG Undergraduate Scholarship
- Pursuing Masters in Architecture & Sustainable Design, SUTD

Making childhood dreams a reality

- Benjamin spent his childhood tinkering, exploring his grandfather's workshop and helping him fix broken household items or making wooden toys. He learnt the importance of being resourceful and creative. He later went on to study at NUS High School, understanding the world through math and science, and learning the systematic approach of experimenting and exploring. He doodled during his free time, later turning his doodles into designs for his friends and school.
- Benjamin taught himself graphic design, taking every opportunity to exercise his creativity and learn new skills. He picked up photography and learnt how to compose shots, which was when he started to appreciate and understand the qualities of space, the importance of light, and improvising in real time.
- He had the opportunity at SUTD to pursue creative design through the lens of technology and parametric design. He enjoyed bouncing off ideas among his peers, and they also acknowledged and appreciated his creativity.
- His internship at WOHA was an invaluable source of experience, letting him appreciate how architectural solutions should also be sustainable solutions. He also saw that good design principles could help improve the well-being of occupants. During his internship at WOHA, he was involved in project Lyf one-north Singapore, the first co-living property in Singapore's research and innovation business hub at WOHA. His supportive WOHA colleagues also taught him to use the BIM software, exposing him to the technology even before it was taught in his classes at school. He also had the opportunity to encounter real-life constraints when designing an actual project, such as building codes and construction details, which will be beneficial for him to apply when he graduates.
- Benjamin is very thankful for the opportunities that have led him to where he is today, and is appreciative of people in his life who constantly drive him to improve himself to meet challenges head on.

Profile stories (Diploma)



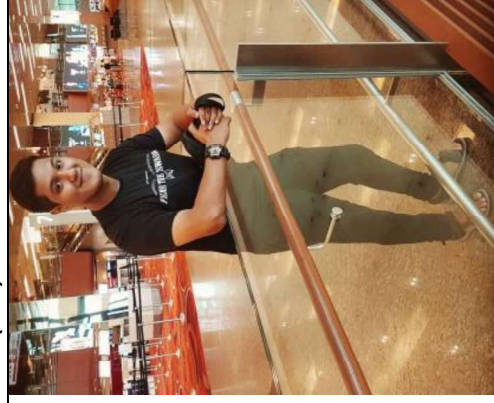
Muhammad Asyraf Bin Chumino, 25 years old

- 2019 BCA-EM Services iBuildSG Diploma Sponsorship
- Diploma in Hotel and Leisure Facilities Management at Singapore Polytechnic
- Currently working as Property Officer at EM Services Pte Ltd

Continuous upgrading and passion to help others

- Asyraf is the youngest of three children, and his father passed away from cancer when he was two years old. Unfortunately, with his father's passing, his mother later fell into depression, and could not hold on to a stable job.
- Asyraf struggled with his studies during his younger days but with the support from his teachers and a renewed interest in the vocational skills taught at NorthLight, he performed well in the end. It was also at NorthLight where he participated in activities such as football, where he also took on the role as captain of the team.
- He excelled in ITE, graduating with a near perfect GPA score. He was the Chairman for ITE Civil Defence (CD) Lionhearer Club, a club which organises events teaching emergency preparedness skills to others. After he took up the iBuildSG ITE scholarship, he had greater clarity in his career and future. He subsequently pursued Hotel and Leisure Facilities Management at the Singapore Polytechnic, and received the BCA-EM Services iBuildSG Diploma Sponsorship.
- Asyraf has a great sense of empathy and compassion, and enjoys helping people. As a property officer at Pasir Ris- Punggol Town Council with EM Services, he feels a sense of satisfaction when encountering grateful and appreciative residents after he has resolved their problems. His work scope includes carrying out daily inspections to ensure that the HDB estates under his charge are well maintained. He is thankful for colleagues who have given him on-job-training guidance, as it has helped him to perform his job with more confidence.
- Since 2013, EM Services Pte Ltd has been very supportive of the iBuildSG Diploma Sponsorship programmes, awarding more than 50 sponsorships to students. Tapping on this programme, the firm has been able to inject new talents to their workforce.

Profile stories (ITE)



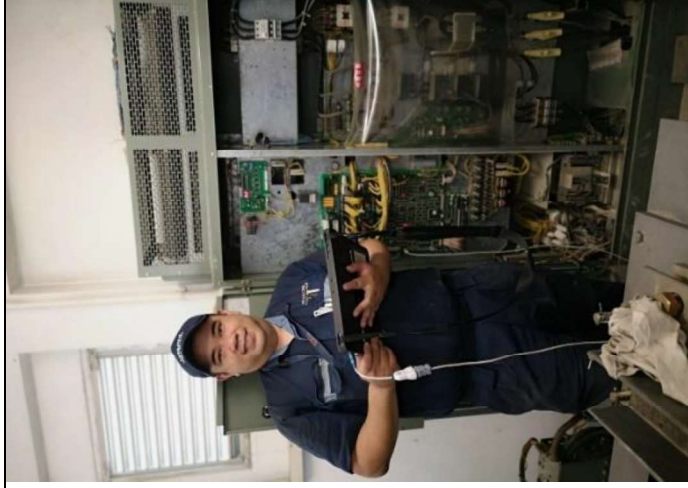
Muhammad Shakir Bin Noordeen Ahamed, 21 years old

- 2019 BCA-Tat Lee iBuildSG ITE Scholarship
- Currently working as Project Supervisor at Tat Lee Sanitary & Plumbing Pte Ltd

Newfound passion to pursue career in mechanical engineering

- Since young, Shakir had wanted to follow in his father's footsteps to become a businessman. However, he began to develop a strong interest in engineering after he took up Design and Technology (D&T) as an additional subject in secondary school. His D&T lessons allowed him to tinker with recycled materials to make useful crafts and tools for daily use, which piqued his curiosity on mechanical engineering. Engineering is not foreign to him; he observed his older brother working on circuit boards and soldering electrical items for his Diploma in Electrical and Electronic Engineering course.
- His newfound passion in mechanical engineering eventually led him to take up NITEC in Mechanical Technology after completing his 'N' Levels. Halfway through his studies, he found himself struggling to pay for his course fees, and was afraid that he could not continue with his studies. He searched for scholarship and sponsorship opportunities and chanced upon the BCA-Industry iBuildSG ITE Scholarship, which he received in 2015.
- He values the importance of industry experience, thus preferred to start work first to gain a deeper understanding of the BE sector instead of furthering his studies right after completing National Service in April this year. When he was offered a scholarship with Tat Lee Sanitary and Plumbing Pte Ltd, he leapt at the opportunity.
- He was appointed as a project supervisor at Tat Lee, taking on responsibilities such as mechanical piping works, supervising worker safety on site and looking into risk assessment, safe work procedure and method of statements. Although he has been with Tat Lee for only 5 months, he has gained many new skills that have built his confidence to think quickly on his feet when troubleshooting in order to resolve technical and safety issues on site.
- Spurred by the interesting stories shared by his colleagues and positive encouragement, Shakir looks forward to building a career in the BE sector. He hopes to be able to deepen his knowledge and skills at Tat Lee and further his studies to achieve his aspiration to become a mechanical engineer.

Profile stories (Building Specialist Sponsorship)



Tong Dickson, 41 years old

- 2019 iBuildSG Building Specialist Sponsorship
- Pursuing Work Study Diploma (WSDip) in Vertical Transportation
- Currently working as Senior Technician with Hitachi Elevator Asia Pte. Ltd.

A Better Future for a Typical Lift Technician

- Dickson Tong was just five when he found himself stuck in a lift with his mother. Without any lights, ventilation or a smartphone to call for help, it was one of the most uncomfortable experiences for him as a young boy. The incident left a lasting impression on him, and after completing National Service (NS), he decided to join the lift industry to be a "Lift" Hero. Dickson is now a Senior Lift Technician at Hitachi Elevator Asia.
- In the 18 years that Dickson has been with Hitachi, he has witnessed technological disruption making its way into the lift industry. When he started out, he had the guidance of mentors and seniors to help him pick up the necessary skills and tricks of the trade. But, as lifts became increasingly high-tech, Hitachi Elevator Asia began developing courses and training modules to equip their technicians with the necessary skills to stay relevant, such as working with computer software used in running the diagnostics for lifts. The role of a lift technician requires specialised skills to undertake the critical task of repairing lifts.
- Dickson's passion as a "Lift" hero has not diminished even after 18 years. It has spurred him to further his studies through the Work Study Diploma (WSDip) in Vertical Transportation. He is eager to pursue this as a lifelong career and to influence and lead as many young talents as possible.

Profile stories (Part-time Postgraduate)



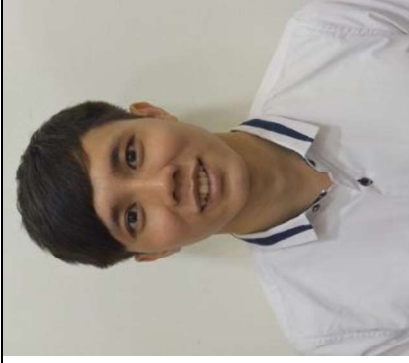
Eugene Koh Wei Ping, 28 years old

- 2019 BCA-Mott MacDonald iBuildSG Postgraduate (Part-time) Sponsorship
- Pursuing Part time Master of Science (Geotechnical Engineering), NUS
- Currently working as Geotechnical Engineer at Mott MacDonald Singapore Pte Ltd

Continuous upgrading in pursuit of becoming a Professional Engineer

- Since young, Eugene has been interested in construction and machinery, particularly in the area of underground works. He served a 2-month internship at Mott MacDonald (MM) in 2016. Impressed with his positive work attitude, MM offered him an Undergraduate sponsorship and a position as a Geotechnical Engineer upon his graduation in 2017.
- Currently, he is handling rail and transport infrastructure designs in projects such as the Thomson East Coast Line and the new North-South Corridor. He has to co-ordinate and liaise with various agencies to meet the design and regulatory requirements. He derives a sense of satisfaction from designing Singapore's key infrastructure while ensuring quality and safety.
- He is thankful for his seniors at work, who are his role models, as well as the supportive and conducive working and learning environment at MM. MM promotes continuous learning by providing structured training and mentorship, and flexible work hours to support employees in their upgrading.
- Eugene is self-motivated and believes in continuous learning to create better designs at work. He is currently pursuing his part-time Masters in Geotechnical Engineering, sponsored by MM, while he works towards attaining his Professional Engineer (PE) certification.
- Since 2015, Mott MacDonald Singapore Pte Ltd has been supportive of the BCA-Industry iBuildSG Scholarship and Sponsorship, such as the Undergraduate (full-time) and Postgraduate (part-time) programmes. They believe that by tapping on these programmes, they are able to recruit and retain more talents within the organisation. All these programmes have provided them with a platform to support the development of their workforce.

Profile stories (Part-time Undergraduate)



Ng Chun Kiat, Marcus, 31 years old

- 2019 BCA-Sembcorp Architects and Engineers iBuildSG Undergraduate (Part-time) Sponsorship
- Pursuing Part time Bachelor of Technology (Civil Engineering), NUS
- Currently working as Civil Executive Designer at Sembcorp Architects and Engineers Pte Ltd

Continuous upgrading and attaining Work Life Balance

- Marcus first took an interest in construction when his father shared stories with him when he was a Mechanical and Electrical sub-contractor for Additions and Alterations (A&A) works.
- He served a 3-month internship at Sembcorp Architects & Engineers (SCAE), which was the last module for his Diploma in Construction Engineering at BCA Academy. Impressed with his BIM drafting skills and positive work attitude, SCAE offered him a position as executive designer in the civil engineering field to continue his work there upon his graduation in 2013. Currently, he is doing BIM and Virtual Design & Construction (VDC) projects for (classified) military infrastructure projects. Through these projects, he has the opportunity to use virtual reality tools for the project's presentation.
- Marcus is thankful for the supportive and conducive upgrading opportunities at SCAE, such as sponsoring him for his BCAA's Specialist Diploma in VDC and his NUS part-time Degree in Civil Engineering.
- Factors such as a 5-day work week, manageable work load, and caring supervisors at SCAE who shared with him information on part-time degree programmes, motivated him to embark on part-time degree studies while juggling full-time work and his new role as a father. He is grateful for his family members who helped to look after his son while he is attending classes and his wife who supported and encouraged him to further his studies.
- Marcus enjoys learning and believes in continuous self-improvement. He believes that the part-time degree will help unlock more opportunities for him and equip him with the capability to design and draft more proficiently. He hopes that upgrading his skills will enable him to take on more responsibilities, which will enhance his ability to provide for his new family, especially with the arrival of his son in early 2019.
- Since 2012, Sembcorp Architects and Engineers Pte Ltd has been supportive of the various iBuildSG Scholarship and Sponsorship programmes, such as the Undergraduate (full-time), Diploma (full-time) and the recent Undergraduate (part-time) programmes. They believe that by leveraging all these programmes, they are able to recruit and retain more talents within the organisation.