

Graduates Program *Hong Kong*

Hear from those who know

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wsp



NO TWO CAREER PATHS ARE IDENTICAL

At WSP, you are given a variety of opportunities to work with a global network of professionals on world class projects. Our extensive portfolio provides numerous opportunities for our people to enhance their knowledge and skills to meet new challenges and achieve their career aspirations.

Let's hear from those who ignite their career at WSP!



ALEX LO

*Assistant Engineer,
Transport & Infrastructure (Civil)*

Q: What does your role involve?

I am involved in two projects in which I have different responsibility. For the first project, I am mostly responsible for project coordination and highway design. For the second project, I am involved in the structural design.

Q: Which project is your favourite?

It is a tricky question as projects are unique in nature and you never encounter the same problem in WSP. My favorite project is the Central Kowloon Route - Kai Tak East Cost Saving Design. I worked as part of the design team to deliver 3 complex temporary works for the contractor. The most challenging part of this project is to provide the design on time and satisfy the contractor's requirement. I enjoyed every part of this project.

Q: Why do you enjoy your job?

I have been given great responsibility on the first day of my job, I have to handle different parts of a project which provided me exposure to different parts of civil engineering such as highway, hydraulic and structural engineering.

Being responsible for project coordination, I have to communicate with various government department such as the Highways Department (HyD) and the Civil Engineering and Development Department (CEDD). Knowing that they are happy with our work is probably why I enjoyed my job.

Q: What do you find exciting about engineering?

Working in the engineering field provides the feeling of accomplishment when you see something that you created actually works.

Q: What other opportunities has WSP offered you?

WSP has provided In-house seminar and networking opportunities with graduates in other disciplines.

I also had the opportunity to attend the HKIE Young Members Committee Annual Dinner with my colleague – definitely an enjoyable evening!



JEFFERY TANG

*Graduate Engineer,
Property and Buildings (Structural)*

Q: What does your role involve?

When I started my career in Hong Kong WSP as a graduate engineer, my job duty is structural design and deliver schematic design, including both residential and commercial building projects.

Q: Which project is your favourite?

I had an opportunity to get my hands on various interesting projects. Some highlights include hotel development under the foundation stage and commercial building redevelopment in Hong Kong.

I gained the exposure from these projects, especially the commercial redevelopment. The project consists of 63,000 sq.m redevelopment, which is comprised of 20 stories high, constructed on top of the 4 storey basement with over 100m building. The new proposed building will replace the existing building was built in the early 1960s. This is my favorite project because it encounters so much structural challenges and I can take this chance to practice my professional knowledge, and I continue learning new skills throughout the project growth.

Q: Why do you enjoy your job?

WSP has given me the chance to develop further both my interpersonal and technical skills via working on complex projects over a team-based working environment, which motivates me to apply problem-solving skills and progress my career. I enjoy the challenge of working residential and commercial buildings; it allows me to test my technical ability with innovative ideas, as well as influences future communities and improves the society.

Q: What do you find exciting about engineering?

I always find the physical science behind every tall building is fascinating. Becoming engineer extent my curiosity to the next level, and delivery the design of the tall building gives me a sense of success, that's why I choose to obtain my degree in civil engineering field and willing to achieve professional qualifications gain charter-ship member.

' I would recommend joining the WSP family for anyone who loves to use their skills to make a difference.'



Q: What other opportunities has WSP offered you?

WSP also offers us regular in-house seminar or workshops, and encourages us to develop our professional growth of the WSP community. For instance, a program called Professional Growth Network, providing a platform to engage us in interacting with our colleagues to share knowledge, exchanging ideas and discovering new opportunities. When I joined WSP, the Learning & Development officers guided me through the HKIE Scheme A procedure step-by-step, and provided comprehensive training before my HKIE exam.

WSP also provides leisure activities to us to encourage the development of relationships outside of the day to day job. I would recommend joining the WSP family for anyone who loves to use their skills to make a difference.

DICKSON YEUNG

Assistant Engineer,
Transport & Infrastructure (MEP)

Q: What does your role involve?

I joined the WSP family as an Assistant Engineer in July 2018. I am now working in the MEP team and is responsible for the fire services, plumbing and drainage system design of infrastructure and transportation related projects.

Q: Which project is your favourite?

I was involved in several infrastructure projects: Dubai Metro Route 2020, Tuen Mun – Chek Lap Kok Link (TM-CLKL), to name but a few. I have many favourite projects, but if I have to pick one, I will go with a tunnel project in Australia. It is one of the most complicated projects ever undertaken in Australia. My team was involved at the proposal stage and is now providing consultancy services for the tunnel E&M systems and building services design for related buildings. This project gives me some insight into how we can design the MEP systems for multiple tunnels connecting with each other.

Q: Why do you enjoy your job?

I have been fortunate enough to be guided by some industry experts in my team. They have been working in WSP for a long period of time and are still very enthusiastic about working on each project. My team leaders do not just care about productivity but also team growth. They do encourage strong team relationships and I always feel comfortable working in my team.

Having spent time in WSP, I have had the privilege to work on a wide range of signature projects. The variety of tasks provides the stimuli forcing me to learn quickly. Learning new technical skills can then allow me to deal with more complex problems. WSP truly gives me real opportunities and pushes me to learn and grow.

Q: What do you find exciting about engineering?

When I was a child, I was curious about how things work. I did have a keen mind for applying what I learn to tackle real problems. That is what engineers do. Engineers are expected to acquire theoretical knowledge and implement them. I understand that the professional skills I develop as an engineer are valuable. When

‘ WSP truly gives me real opportunities and pushes me to learn and grow.’



I attempt to provide practical solutions to problems, my skills give me great confidence and I can effectively evaluate the feasibility of a solution from a financial and practical perspective. Through participating in different engineering projects, I learnt how to manage time properly, work as a part of a team and improve my skills. Completing a difficult technical task can surely bring a huge sense of personal achievement.

Q: What other opportunities has WSP offered you?

Life has been so fruitful and highly significant last year. I was appointed to be an ambassador of WSP and participated in the career fair at City University of Hong Kong. I received a lot of opportunities to communicate with others and encourage senior students to join the engineering sector after graduation. Being a fresh graduate, I joined the HKIE Scheme “A” Training Programme in September 2018. I am grateful to my training tutors who inspire and show me how to develop my potential in full extent. Rome was not built in a day. I am prepared to dedicate years of learning and practice to master building services engineering. I am looking forward to commitments as a chartered engineer with confidence, earnestness and enthusiasm.

CHERRY YUNG

*Assistant Engineer,
Transport and Infrastructure (ICT)*

Q: What does your role involve?

I started my WSP career as a graduate in Hong Kong, and got opportunities to expose to numerous large-scale infrastructure projects involving tender exercises, system design and technical consultancy services.

Q: Which project is your favourite?

My favourite project would be the Venetian Macau, which is a mega-scale entertainment development in Macau, comprised of Parcels 1, 2, 3, 5 & 6. Large and sophisticated systems are included in this project, such as CCTV System with over 27,000 CCTV cameras and Security System with over 5,250 access doors required access controls.

Q: Why do you enjoy your job?

I have engaged in various types of projects, from commercial, residential to tunnel projects across Asia region, which helped me to develop specialized skills in system design and ICT/ELV consultancy and tender projects. Besides, my supervisor has also given me the chance to attend meetings and seminars with the clients and vendors, where I could get the first-hand information and catch up with the latest technologies. I really enjoy participating in different kinds of challenging projects, this helps with my professional skills and career.

Q: What do you find exciting about engineering?

I will never get bored in engineering as there are always new advanced technologies in the future. For instance, 5G and IoT are no longer a vision of the future, many programmes and strategies have already been implemented successfully around the world. Engineering is actually related to our daily lives and I would definitely want to explore and learn more about it.

‘ I really enjoy participating in different kinds of challenging projects, this helps with my professional skills and career.’



Q: What other opportunities has WSP offered you?

In September 2019, I had the chance to participate in the Global Exchange Program, which was a great opportunity for me to gain international experience, to explore the culture of other countries and strengthen my international network.

I would recommend WSP to those who enjoy challenges and want to utilize and improve their professional skills, as well as an all-round development.

NICOLE LO

Engineer,
Property and Buildings (MEP)

‘ Throughout my 3 years of work in WSP, I aspired to develop my career in the engineering industry.’



Q: What does your role involve?

I specialized in HVAC system and my responsibilities include conceptual design, feasibility studies and detail design of HVAC system in high-rise complex buildings.

Q: Which project is your favourite?

Throughout my 3 years of work, I am glad to be involved in several projects, including the commercial development at Lee Garden 3 and the remodeling of New World Centre.

I have learnt a lot from both projects but Lee Garden 3 is my favorite, simply because it is the first project completed in my career.

Q: Why do you enjoy your job?

I enjoy facing challenges every day and working on various complex projects. My seniors are very helpful and experienced. Chatting with them have inspired me a lot. On the other hand, through regular coordination meetings with externals, I can collaborate with different parties, develop my social and professional network and acquire knowledge on various disciplines.

Q: What do you find exciting about engineering?

The most exciting thing about engineering is that there is always more than one method to design the HVAC system. Traditional techniques are practical but innovative ideas are always welcomed. Throughout my 3 years of work in WSP, I aspired to develop my career in the engineering industry.

Q: What other opportunities has WSP offered you?

WSP organizes different activities to encourage young engineers to strengthen our network and leverage our expertise. One of them is the global exchange program. I am lucky to be selected as one of the participant this year and I am going to the Edmonton office in Canada in September. I will have the chance to exchange professional expertise with overseas colleagues and appreciate their culture. I can't wait to see what is going to happen during my exchange period!

HARVEY TONG

Engineer,

Transport and Infrastructure (Civil)

Q: What does your role involve?

Cooperate with team members to:-

- (i) deliver engineering solutions in different disciplines for the infrastructure project in Hong Kong;
- (ii) formulate contract & procurement strategy, prepare tender documents and conduct tender assessment;
- (iii) supervise the on-going construction projects.

Q: Which project is your favourite?

My favourite project is the Provision of Universal Accessibility (UA) Facilities for the Highway Structures, which retrofits and equip the public walkways such as footbridges, subways and elevated walkways with lifts and ramps. I participated in the project from investigation stage to construction stage. Witnessing the project from 0% to 100% is a wonderful experience.

Q: Why do you enjoy your job?

Apart from gaining practical experience, these projects have also given me much satisfaction. One of the great moment is that the senior citizens show smiling faces during the opening of lifts. I am happy that my contribution has added values to the public and people can be more connected to society.

Q: What do you find exciting about engineering?

You can always find something new to learn. In the aforementioned UA project, different disciplines had been involved. We need to consider the traffic when deciding the lift location (or road realignment from some cases), carry out geotechnical assessment for the foundation design of the lift, deliver structural, drainage and E&M design for the lift, etc.

Q: What other opportunities has WSP offered you?

Apart from working in the design office, I also seconded to the site office as an Assistant Resident Engineer. WSP has provided me with valuable learning opportunities to accumulate practical experience. These experiences are useful for pursuing my profession.



'I am happy that my contribution has added values to the public and people can be more connected to society.'

MAY GAO

Engineer,
Property and Buildings (MEP)

Q: What does your role involve?

I started my WSP career as a graduate in Hong Kong office, now it is heading to my 7th year in working here. Our team is contributing to the HVAC system of super high-rise skyscrapers cross APAC region. As a member of the team, I am working for detailed design, feasibility studies and coordinating with multi-disciplines.

Q: Which project is your favourite?

It was really difficult to point out one as the favourite, since each one I got involved indeed gave me different experience. One project that I would like to share is located in Zhengzhou, in the very old and cultural city of China, which had one office tower and one hotel building. Our team is very experienced in working in the design and plan of HOPSCA project, and this time I got the chance to be one of the MEP discipline designer and was mainly responsible for coordination with internal and external. This experience was precious not only because it is a landmark project, but the chance to work with professional colleagues and the ideas that I learnt from them.

Q: Why do you enjoy your job?

I think the job I am doing is rewarding. In the past 6 years, I obtained various professional training, working with leading architects and well-known clients. The more experiences I gained, the more powerful I am to explore the industry that I am interested in. WSP is a brilliant place that motivates passionate Engineers.

Q: What do you find exciting about engineering?

I think the exciting part sometimes comes with the challenges that I face. Engineering is a male dominant industry, but female engineer peers are now contributing more and making themselves irreplaceable, earning the reputation which cannot be ignored. Being one of them, it is definitely a big challenge to me, but it is also irresistible.

‘ In the past 6 years, I obtained various professional training, working with leading architects and well-known clients.’



Q: What other opportunities has WSP offered you?

In September 2018, I participated in WSP's Global Exchange Program which aims to strengthen our global network and leverage our expertise within our disciplines. Having spent one month in the Stockholm Office, I have widened my horizon and expanded my professional network. I witnessed firsthand the substantial resources contributed by the Stockholm office to the sophisticated industry. The Stockholm office is leading the construction industry and offers a very good platform for engineers. Besides, WSP inspires young engineer to participant in various seminars/top conferences and continuous learning & development, which offered the opportunities to expand our network and update the knowledge in the industry.

Graduates Program *Application*



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