

19. Mr Hung (Fat Gor) – Building and Engineering – Engineer

My biggest hobby is construction-related drawing

Some computer drawing

We called it CAD

Computer-aided design

I am interested in CAD

Maybe because I am a boy

I am quite interested in mechanical knowledge as well

So I chose to study mechanical engineering

And then I entered the industry after graduation

When I first started working, I was a draughtsman

Working in front of a computer

Then after promotion and having some working experience

I am now a professional engineer

My main job duty is to conduct testing

Mechanics related components

Such as elevator, escalator, lifting machine in construction sites and mechanics for delivery

I also need to test and calculate

And control these machines by using computer

We need to work on weekends

For most of the time

Since some companies are closed on weekends and stopped the operation of the elevator or escalator

We can only conduct testing during that time

So there is no fixed working hours

It is necessary

To become a professional engineer

We need to join The Hong Kong Institution of Engineers (the Institution)

They have specified the entry requirements

The minimum academic qualification requirement is a bachelor degree

With relevant working experience

For example, a minimum of four years working experience

Then you need to attend a meeting or interview with the Institution

To become a member

And get the qualification

Actually, the biggest challenge is to cooperate with people

Since the whole construction cannot be done by only one engineer

It requires a big team of engineers from different fields

Only through teamwork can we complete the projects

Everyone must have relevant experience and academic qualification

They might have different opinions

Our biggest challenge is how to compromise and cooperate

In fact, the greatest sense of accomplishment is cooperating with people and making compromise

A good leader should have some followers

We can be a boss and the boss would ask their subordinates to work

But if you are a leader

You don't need to arrange tasks for them

They would work hard from the bottom of their heart

I think this is the biggest satisfaction

Most of the work pressure is what I have said

There is a time limit

Or a deadline

How can we finish it before the deadline?

It is the biggest challenge

How do we face the difficulties?

It is to face the difficulties directly and work with your team

We might receive many different opinions
And we will get the best answer from them
I think engineering has a good prospect in Hong Kong
If we talk about it from another perspective
I delivered a speech at the Institution
And introduced Hong Kong as a developed city
We have already entered the second stage
There is a new term called Urban 2.0
What does it mean?
It is about how to sustain after urban development
For example, when our old buildings are aging
When the machines in the old buildings are aging
What shall we do?
Shall we continue the maintenance or carry out renovation?
Or shall we replace it with a new building?
This is our biggest challenge, but it is also our biggest hope
Every student is creative
They have the ability to solve problems
We cannot bury their ability
Try not to keep your thoughts only in the brain
But try to write them down on a paper
Write it down with pen and paper
You can also mark it down with mobile phones
What we have written down will become a memory in the brain
Then turn it into reality
This is the best way
It is also the best solution to solve the problems
Do not keep them in the brain only

Or only tell your friends

Try to make the ideas come true