

Lim Ming En @MingEn_HTX_S&T_Associate
 Replying to @Curious_Student_1

Yes, @Curious_Student_1! I am an engineer in the Q Team Centre of Expertise, whose forte is in rapid prototyping to deliver impactful solutions to aid the Home Team's operations.

[👉 Learn more about Q-Team here](#)

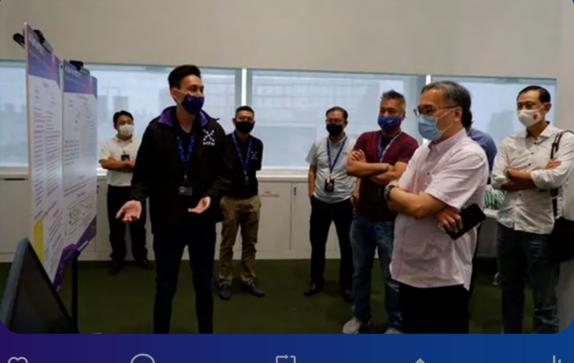
I am Curious @Curious_Student_1
 Replying to @MingEn_HTX_S&T_Associate

A software engineer!

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Lim Ming En @MingEn_HTX_S&T_Associate

In Q Team, I mainly handle the Machine Learning and AI, as these were the subjects that I learned from my time in NUS. One of the projects that I am most proud of is the [AI Bot for Fire and Safety Online Processing System \(FISOPS\)](#)!



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Lim Ming En @MingEn_HTX_S&T_Associate

For this project, we had to work closely with SCDF Approval Officers to identify their needs and tailor the bot accordingly. Originally, the problem statement – how to make the FISOPS process faster – was quite broad. It was up to us to figure out what exactly were the pain points that Approval Officers faced, through constant back-and-forth communication, and come up with a solution that tackled them effectively.

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I am Curious @Curious_Student_1
 Replying to @MingEn_HTX_S&T_Associate

What are some of the challenges you faced in your work?

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Lim Ming En @MingEn_HTX_S&T_Associate
 Replying to @Curious_Student_1

Hmm... Though the core of my work is in Machine Learning, which was briefly touched on in school, the modules I took didn't teach me what an entire project would look like. Many times, I'm learning on the job.

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Lim Ming En @MingEn_HTX_S&T_Associate

One challenge is that I have to piece together many different aspects of my project together independently. For example, for the [AI Bot for FISOPS](#), I had to learn different scripts by myself, update the old base code that was given to me, and pick out the best aspects to code an effective tool to help solve the problems faced by SCDF's Approval Officers.

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I am also Curious @Curious_Student_2
 Replying to @MingEn_HTX_S&T_Associate

Cool! You mentioned about Role-Programming games. What is it about and how does it help in your job?

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Lim Ming En @MingEn_HTX_S&T_Associate
 Replying to @Curious_Student_2

I like to play this computer game called "Human Resource Machine". It's a puzzle game that requires elements of programming to solve. I enjoy it a lot because it's a fun pastime which poses a challenge to my brain.

I asked my colleague to try out this game and his reaction was "wah we already spend the whole day coding and you still recommend me this kind of game to. Not sian meh" 🤔



Credit: Human Resource Machine on Steam

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I am Curious @Curious_Student_1
 Replying to @MingEn_HTX_S&T_Associate

I am so going to check out the game later! It seems that you and your colleagues are pretty close-knitted!

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Lim Ming En @MingEn_HTX_S&T_Associate
 Replying to @Curious_Student_1

Yes, we are! Other than having team bonding activities such as 'jio-ing' (inviting) colleagues to run together during our virtual runs, we also have other organisation-wide initiatives, such as the eXpresso! Townhall where I get to meet people from other departments!

FUN FACT: I clocked 10km every day for our virtual run and because I saw my colleagues clock in similar distances every day #competitivespirit 😄

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Lim Ming En @MingEn_HTX_S&T_Associate

I'm part of the AI initiative in HTX, as well as an emcee for eXpresso! It was the first time I tried my hand at emceeing. For lack of a better word, I find that I have the ability to 'talk about anything', which is great for my role as an emcee for eXpresso!. I'm really proud of all the productions that we have made so far, as a team.

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I am Curious @Curious_Student_3
 Replying to @MingEn_HTX_S&T_Associate

That's interesting! What was the most memorable about being an emcee?

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Lim Ming En @MingEn_HTX_S&T_Associate
 Replying to @Curious_Student_3

I really enjoy the liberty of doing our own emcee script, where I include our own jokes and banter. It allows the emcees to poke fun at each other to keep the mood light and enjoyable!



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Lim Ming En @MingEn_HTX_S&T_Associate

Although I keep going *on and on* about the fun (and funny) parts of my work at expresso!, I do think that the emceeing experience *had* helped me gain confidence when I do presentations. I think one important lesson I have learned from emceeing is to be able to think on your feet and to roll with the situation.

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I am Curious @Curious_Student_3
 Replying to @MingEn_HTX_S&T_Associate

I see! What are you currently working on?

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Lim Ming En @MingEn_HTX_S&T_Associate
 Replying to @Curious_Student_3

CLASSIFIED!

...haha! I have always wanted to say that 😄

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Lim Ming En @MingEn_HTX_S&T_Associate

Some of the things I can share though is that I'm currently working on a big project that uses Machine Learning to aid the news, that's relevant to the Home Team. Giving out relevant news and classifying it into relevant topics, it helps our HTX departments as well as the Home Team departments in rapid sense-making. It's still a work-in-progress, so I can't tell you anything more than that. 😊

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Lim Ming En @MingEn_HTX_S&T_Associate

Ok! Stopping the questions here but not without letting all of you know that...

There are a lot of opportunities waiting for you in HTX. It's a good place for you to explore, make new friends, break new grounds, and figure out what you like as you start your career in science and technology! ❤️💜

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