Academic Day
AY21/22

Computer Science Info Session
Link to slides can be found here:
https://tinyurl.com/CSAcadDay2021
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Link to slides:
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Let's talk about modules

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What modules can I take?

**CS110 1S / CS2030S**
- CS1101S is a must
- CS2030S if exempted

**CS123 1S**
- Prerequisite to many other modules

**Math/Science**
- MA1521/MA2001 are unlocks many modules!

**UE Modules**
- Might be too early unless you have a second major/minor

**IS110 3**
- Take this with a friend, I suggest to take in Y1

**GE Modules**
- You might wanna clear them while you have S/Us

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What specialisation should I take?

Explore Introductory Modules
Most Specialisations offer introductory modules.
E.g. Intro to AI, Intro to Security...

Go for hackathons/Other opportunities
Learn & Explore beyond University
E.g. Shopee Code League, CODE_EXP, Orbital (CP2106)

Speak to seniors
If you need perspectives on AI/Security, you can speak to me :)

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03
Orbital?
Not your s&p orbitals in Chemistry

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What is Orbital (CP2106)?

- Orbital is a 4 MC module that SOC students take as part of their Unrestricted Electives (UE).
- This module is taken over the summer vacation (Freshmen will usually take at the end of year 1).
- For this module, you **DO NOT** need to pay for Special Term fees.
- Taken as a pair.

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What I did for Orbital

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What will be a good idea?

- My suggestion will be to think of an idea your pair is passionate about, and use modern frameworks to implement them!

- Modern frameworks will include Mongo, Express, Azure, Angular, React, Node, Unity, Unreal Engine etc...

- These development skills (aka tech stack) will help you get your internships!

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I want Google or TikTok internship

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What I am doing now

- AI Intern at Defence Science & Technology Agency
- Research on Multi-Agent Reinforcement Learning
- Analogous to OpenAI 5, who was able to defeat PRO players consistently in DOTA 2.

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How I secured my Internship

AI Knowledge

I took an introductory course in AI, CS3243

Development Skills

I am familiar with Unity Software Development

Interview

You MUST know your thing, the interviewers will ask.

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05 Useful Tips!
Things you should never go without in NUS SOC

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Free Printing

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Free Office Software

- Once you received your NUS email (Exxxxxxx@u.nus.edu)
- Download your free Microsoft Office Suite here: https://nusit.nus.edu.sg/services/software_and_os/software/software/student/#install-office

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Get a Monitor (if you can)

Link to slides:
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Hostel Life (Raffles Hall)

Link to slides: tinyurl.com/CSAcadDay2021
NUS Chinese Orchestra

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THANKS

Feel free to ask any questions!

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