




Welcome to the CoGrammar

Open Class

The session will start shortly...

Questions? Drop them in the chat. We'll have dedicated moderators answering questions.



Software Engineering Session Housekeeping

- The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment for all - please engage accordingly.
(Fundamental British Values: Mutual Respect and Tolerance)
- No question is daft or silly - **ask them!**
- There are **Q&A sessions** midway and at the end of the session, should you wish to ask any follow-up questions. Moderators are going to be answering questions as the session progresses as well.
- If you have any questions outside of this lecture, or that are not answered during this lecture, please do submit these for upcoming Academic Sessions. You can submit these questions here: [Questions](#)

Software Engineering Session Housekeeping cont.

- For all **non-academic questions**, please submit a query:
www.hyperiondev.com/support
- Report a **safeguarding** incident:
www.hyperiondev.com/safeguardreporting
- We would love your **feedback** on lectures: [Feedback on Lectures](#)

Safeguarding & Welfare

We are committed to all our students and staff feeling safe and happy; we want to make sure there is always someone you can turn to if you are worried about anything.

If you are feeling upset or unsafe, are worried about a friend, student or family member, or you feel like something isn't right, speak to our safeguarding team:



Ian Wyles
Designated Safeguarding
Lead



Simone Botes



Rafiq Manan



Charlotte Witcher



Nurhaan Snyman



Ronald Munodawafa



Tevin Pitts

Scan to report a
safeguarding concern



or email the Designated
Safeguarding Lead:
Ian Wyles

safeguarding@hyperiondev.com

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Control Structures

April 2024

Cyber Incidents

There are many cyber incidents each year some affect a small number of people and other affect millions.

- 4 in July
- 40 so far in 2024



CrowdStrike

- Produces security software products for businesses
- Distributed a faulty update to its Falcon Sensor security software
- Endpoint detection and response agent, works at the kernel level
- Modification to a configuration file caused an out-of-bounds memory read
- 8.5 million systems
- Affected industries many industries
- Estimated financial damage: US\$10 billion



Indonesia Ransomware Attack

- Temporary National Data Centre in Surabaya
- Attacked by ransomware variant known as Brain Cipher
- 282 public services were affected
- Essential services were heavily disrupted for four to seven days
- \$8mil ransom
- Attackers released the encryption key for free



AT & T

- Phone records were stolen by hackers
- Affected more than just AT&T customers
- Data on third party cloud storage was left poorly secured
- Estimated 100mil people affected
- Worry of impersonation



AT&T

Questions and Answers



Thank you for attending



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for Education

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