

Why do we have security issues?

- **Vulnerabilities**

Memory access violations, Improper input validation ...

- **Insecure configuration**

Improper authorization, Incomplete mediation ...

- **Design Weakness**

Insufficient regard for security in system/protocol design

- **Human error**

Careless, malicious or uninformed use of digital assets

Why security should matters to you?

- ➔ Because **you** are going to build the next computer systems, networks and software
- ➔ Because services and systems **you** trust can become compromised