Supporting *Training & Education* and *Software Security Engineering*

Training & Education and Software Security Engineering

- **Preemptively addressing software security through Training & Education and Software Security Engineering requires a clear understanding of foundational software security knowledge (Good & Bad)**

- **Building software that is not vulnerable and is resistant to attack requires our people to have knowledge of:**
  - What properties or characteristics of software can lead to vulnerability to attack
  - What sort of attacks the software likely to face

- **This portion of the tutorial will focus on resources/efforts focused at addressing these two needs**

Training & Education and Software Security Engineering

- **What properties or characteristics of software can lead to vulnerability to attack**

    Common Weakness Enumeration (CWE)

- **What sort of attacks is the software likely to face**

    Common Attack Pattern Enumeration & Classification (CAPEC)