

## Secure Development (accès Code Bashing pendant 1 an en option)

Formation mise à jour régulièrement !

### Détails

- **Code** : DEV-SECURE
- **Durée** : 2 jours ( 14 heures )

Public

Pré-requis

### Objectifs

- Discover the offensive side of the Application Security about Web Application and practice it during a lab.
- Discover the offensive side of the Application Security about Mobile Application and practice it during a lab.
- Introduce the students to the defensive side of the Application Security.
- Present to the students different kinds of application vulnerabilities.

### Programme

#### Introduction to the Web Application Vulnerability Assessment & Introduction to the Mobile Application Vulnerability Assessment

- Training identity card:
  - Type: Labs
  - Audience: Everyone that have already developed web applications
  - Technology: Web technologies
- During this training, the students will discover:
  - What is a Web Application Vulnerability Assessment ?
  - The different steps of this kind of assessment
  - The methodology used to rate the security issues
  - The open referential that can be used to conduct an assessment

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#### Introduction to Secure Coding

- Training identity card:
  - Type: Theoretical
  - Audience: Everyone
  - Technology: Independent
- During this training, the students will discover:
  - What is the Application Security?
  - Why the security of an application is important for its life in the company information system ?
  - Principles of Secure Coding
  - Common security error meet during development and how to prevent them

#### Introduction to the Mobile Application Vulnerability Assessment

- Training identity card:
  - Type: Labs
  - Audience: Everyone that have already developed mobile applications
  - Technology: Mobile technologies
- During this training, the students will discover:
  - What is a Mobile Application Vulnerability Assessment ?
  - The different steps of this kind of assessment

#### Practical demonstrations of common vulnerabilities

- Training identity card:
  - Type: Demonstration
  - Audience: All developers
  - Technology: Independent
- During this training, the students will discover:
  - Different kind of vulnerabilities that are commonly present in applications
  - How to detect them
  - How to validate them
  - How to fix them

### Modalités

- **Type d'action** :Acquisition des connaissances
- **Moyens de la formation** :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- **Modalités pédagogiques** :Exposés – Cas pratiques – Synthèse
- **Validation** :Exercices de validation – Attestation de stages

