



Berner Fachhochschule
Haute école spécialisée bernoise
Bern University of Applied Sciences

Web and Apps Technology Presentation

Emmanuel Benoist and Reto Koenig
Spring Term 2017

Presentation

Presentation

- ▶ Emmanuel Benoist
 - ▶ email: `emmanuel.benoist(at)bfh.ch`
- ▶ PhD at the University of Caen (France)
- ▶ Professor at the Berner Fachhochschule
 - ▶ Teach Computer Science in Biel since 1999
 - ▶ Specialties: CS basics, Web Programming and Web Security
- ▶ Web Security and Privacy protection on the Web
 - ▶ Member of the Research Institute on Security in the Information Society (RISIS)
 - ▶ Web Security
 - ▶ Privacy Protection on the Web
 - ▶ e-Health
 - ▶ CEO : Certified Secure Web - CSW GmbH
 - ▶ Member of the OWASP (Open Web Application Security Platform) Swiss Chapter

Module : Web and Apps

▶ **Web**

- ▶ Presentation of the concepts of web programming (HTML /CSS)
- ▶ PHP
- ▶ Javascript
- ▶ Overview of different techniques (Google Web Toolkit, Ajax, JSON, PHP frameworks)

▶ **Apps**

- ▶ Concepts of development of mobile applications
- ▶ Apps with Android
- ▶ Connect a server using JSON.

Goal of the course

- ▶ **Students have created very small web sites**
 - ▶ in PHP
 - ▶ using a Data Base
- ▶ **Students understand the different techniques used for servers**
 - ▶ They have been presented techniques
 - ▶ they do not have to program using “advanced techniques”.

Web technologies part

- ▶ **Web site of the course:**

<http://www.benoist.ch/WebApps/>

- ▶ Slides
- ▶ Examples
- ▶ Exercises
- ▶ Resources (bibliography and Internet)

Who are you?

- ▶ Proficiency in programming?
- ▶ Proficiency in Web Programming?
- ▶ German speaking / French speaking ?

Questions?

?