

PHILIPPE WEIER

CURRICULUM VITAE

BACHELOR IN COMPUTER SCIENCE SPECIALIZED IN VISUAL COMPUTING

CHEMIN DE LA VERNE 12, 1073 SAVIGNY, SWITZERLAND
MOBILE PHONE: +41 79 489 29 26
E-MAIL: PHILIPPE.WEIER@EPFL.CH



SKILLS

SPECIALIZATION

- CRYPTOGRAPHY & SECURITY
(APPLIED ALGEBRA, ASY/SYM ENCRYPTION, AUTHENTICATION & INTEGRITY)
- NETWORKING
(TCP/IP, ROUTING ALGORITHM, CONGESTION CONTROL)
- AUDIO & IMAGE PROCESSING
(MATLAB, STFT, CIRCUITS & SYSTEMS)
- OPEN GL
(2D/3D PROGRAMMING)

HARDWARE

- QUARTUS
- VHDL
- MIPS (ASSEMBLER LANGUAGE)

SOFTWARE PROGRAMMING

- JAVA
- C (OPEN MP FOR MULTIPROCESSING)
- C ++
- PYTHON
- SCALA
- WEB PROGRAMMING
- HTML / CSS
- ANGULAR 2/4
- JAVASCRIPT
- MY SQL

LANGUAGE

MOTHER TONGUES

- FRENCH
- SWISS GERMAN

FLUENT ORAL & WRITTING

- GERMAN - B2 CERTIFICATE
- ENGLISH - B2 CERTIFICATE
- SPANISH

FORMATION & EXPERIENCES

NOW
2017

EPFL, SWITZERLAND
Master in Computer Science with
specialisation in Information Security-SP

2017
2016

UNIVERSITY OF GRANADA, SPAIN
3rd year of Bachelor in Computer Science
as a Swiss Government Scholarship Student

2016
2014

EPFL, SWITZERLAND
1st and 2nd year in Computer Science

2013
2010

HIGHSCHOOL AT GYMNASIE DU BUGNON, SWITZERLAND
Maturity in Visual Arts

NOW

ELCA INFORMATIQUE SA, INTERNSHIP
Machine Learning project in Voice
Authentication for Android and
iOS Mobile Applications.

AUTUMN
2017

EPFL, STUDENT ASSISTANT
Teaching Computer Networks to
2nd year Computer Science
Bachelor students.

SUMMER
2015

SCHINDLER SA, INTERNSHIP
Embedded System oriented C++
programming and Data
Visualisation in Javascript, HTML
and CSS.

SUMMER
2012
2013

CHUV, BILLING DEPARTMENT
Processing accounting and invoices
of customers and suppliers, Office
work using Word and Excel.

HOBBIES

MUSIC

Playing in two bands mainly trumpet
and euphonium and in free time also
guitare, piano and a little bit of
saxophone for small personal projects.

SPORT

Doing all kinds of mountain sports
(climbing, hiking, skiing) as well as bike
trips, swimming and gymnastic.

LITERATURE

A good book is always nice for passing
time in public transport.