

# GREGORY VALIGIANI

Senior Software Engineer  
+14 years experience  
Ph. D. Computer Science

+33.6.20.83.65.54  
gregory.valigiani@gmail.com  
Cagnes sur mer, FR

## EXPERIENCE

### SENIOR SOFTWARE ENGINEER Present - 2008

Amadeus Company, Sophia Antipolis, FR

Design and Implement streaming process to synchronize Hotel shopping data with external partners.

Java Shell Couchbase Git Spring Mockito Kafka Quartz Protobuf

Implement responsive and ultra-high available back-end functionalities on Hotel availability engine.

C++ Python Couchbase Git Mercurial Protobuf

Implement administrative back-end functionalities on Hotel platform.

C++ Python Oracle Cvs

### JUNIOR SOFTWARE CONSULTANT 2008 - 2006

Coframi Company, Sophia Antipolis, FR

Consultant for Amadeus Company, Hotel Department.  
Design and improve user interface on Hotel platform.

Java Javascript Cvs Struts Jsp Webwork

Consultant for Amadeus Company, Quality Department.  
Implement data visualization application for model based testing.

Java MsSQL ClearCase Swing

### PH.D. CANDIDATE, COMPUTER SCIENCE 2006 - 2003

Paraschool Company, Paris, FR  
INRIA Institute, Rocquencourt, FR  
Calais University, Calais, FR

Set up automatic process to adapt proposal of e-learning exercises.  
Increase user interaction with adaptive avatar technology.

Java Swing Jsp Struts Ant Colony Optimisation

### RESEARCH INTERN 2003 ( 3 months )

Calais University, Calais, FR

Remove atmospheric disruptions on satellite photos to detect phytoplankton.

C Artificial Evolution

### RESEARCH INTERN 2002 ( 2 months )

Napier University, Edimburgh, GB

Solve timetables problem using artificial evolution.

C Java Artificial Evolution

## SKILLS

C++	●●●●●
Java	●●●●●
Python	●●●●●
Shell	●●●●●
Couchbase	●●●●●
Oracle	●●●●●
Git	●●●●●
Cvs	●●●●●
Mercurial	●●●●●
Spring	●●●●●
Mockito	●●●●●
Kafka	●●●●●
Quartz	●●●●●
Protobuf	●●●●●

## LANGUAGES

French	Native
English	Business

## EDUCATION

### PHD THESIS

2006 - 2003  
Calais University

Optimization  
Artificial Evolution  
e-Learning

### RESEARCH MASTER

2003 - 2002  
Paris VI University

Artificial Evolution  
Pattern Recognition

### ENGINEERING MASTER

2003 - 2000  
ENSTA Engineering School

Computer vision  
Robotic