GREGORY VALIGIANI

Senior Software Engineer
+12 years experience
Ph. D. Computer Science

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⌖ 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 phytoplancton.

`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	●●●●○
Couchase	●●●●○
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,