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2 rue des sablons  
60200 Compiègne, France

Université de Technologie de Compiègne

Civil status: Single - 27 years old

## Education

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**CNRS joint lab Heudiasyc, Université de Technologie de Compiègne (UTC), France. 2016-Now**

- PhD Student in Computer Science – Using planning for critical situation modeling in a Virtual Environment.

**Université de Technologie de Compiègne (UTC), France. 2008-2011**

- Diplôme d'ingénieur en Génie Informatique (Master's in Computer Engineering).
- Master's in Science & Technology specialized in Innovation, Knowledge, and Interaction.

**Université de Technologie de Compiègne (UTC), France. 2006-2008**

- Two-year core studies diploma: Mathematics, Physics, Chemistry, Economy...

## Work experiences

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**Amadeus, Sophia Antipolis, France.**

**September 2011 – February 2016**

**Software Development Engineer**

(4 years)

Worked on a Business Rule Engine based on front and back ends architecture, developed in both C++ (server side) and Java (client side). Worked on a distributed system (C++) which guarantees consistency and Partition tolerance, to allow customers (airlines) to simulate their business logics before activation in live systems. Also responsible of project handover in India, including business trip to Bangalore for project management and to give trainings. Worked on a hotel reservation system (C++, REST / Json).

**Keywords:** C++, Java, Python, Perl, SQL, Front and back ends, Cache file, Data Replication, Scalability, Consistency, Regression-test, Continuous integration, Jenkins, Ant, Batch, Couchbase, Trainer.

**Assima, London, United Kingdom.**

**February 2011**

**Research Oriented – Software Engineer Intern**

(6 months)

Study and make a state of the art of prototyping applications existing on the market. Development in C# of an application prototyping software to automatically generate tutorials.

**Keywords:** C#, .Net, Silverlight, ASP.NET, JavaScript, State of the art, Comparative studies.

**Dassault Systèmes, Vélizy, France.**

**September 2009**

**Software Engineer Intern**

(6 months)

Developed a User Interface for Automated Design Process workbench on Catia V6 Knowledge in C++.

**Keywords:** C++, Visual Studio 2008, Regression-test, CVS.

## Skills & Hobbies

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**Programming**

**Artificial Intelligence:**

**Graphical interface**

**Languages**

**Hobbies**

**Sport**

POO: C++, Java, C#. Scripting: Python, Perl, Bash, Prolog. 3D: OpenGL, Java3D, WPF 3D

Expert system, Pathfinding, A\*, Markov Decision Process, Neural Network, CSP

Swing (java), wxWidget (C++), Qt (C++), WPF (C#), Silverlight (C#), wxPython (Python)

French: Mother tongue. English: Fluent, Used every day at Amadeus for 4 years.

Scientific and psychology readings, Series, Coding/Testing on Raspberry Pi and Arduino.

Bicycle, running and swimming.