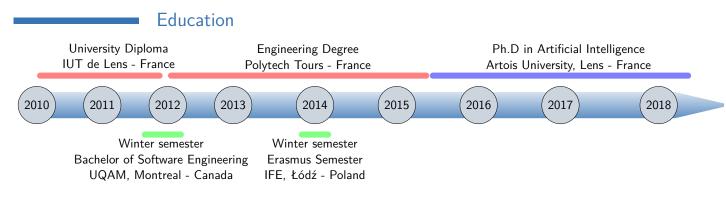
Valentin Montmirail

Ph.D Student - Artificial Intelligence

112 rue du centre 59553, Esquerchin — FRANCE \$\pi\rightarrow\ri



Job in R&D in Artificial Intelligence



Experience

gPartner Paris, France

HTML5/CSS3 Developer (2 months)

July '15 – Aug. '15

I was working with 2 companies on the same website of a very famous company in the luxe industry to integrate in HTML5 the desktop and mobile versions of their Photoshop design.

Atos Wrocław Wrocław, Poland

Java EE Developer (5 months)

May '15 - Sept. '15

My role as a Java EE Developer (with French knowledge) was to design and implement a software in Java technologies and work on projects with French-speaking clients.

CHRU of Tours Tours, France

Project Manager (4 months)

Dec. '14 - Mar. '15

The goal of this project was to realize a web platform who allow different hospitals to upload their DICOM files in an anonymous way. Theses DICOM files contains the patient's name. To fix this problem, we developed and integrated a JavaFX application to anonymize theses files.

ImmoJeune Paris, France

PHP/Symfony 2 Developer (2 months)

Aug. '14 - Sept. '14

Performing an integratable Iframe on all partners of Immojeune. I co-managed the development in Symfony 2 and the versioning (git).

Worldline Tours, France

JavaEE Developer (3 months)

Aug. '14 – Sept. '14

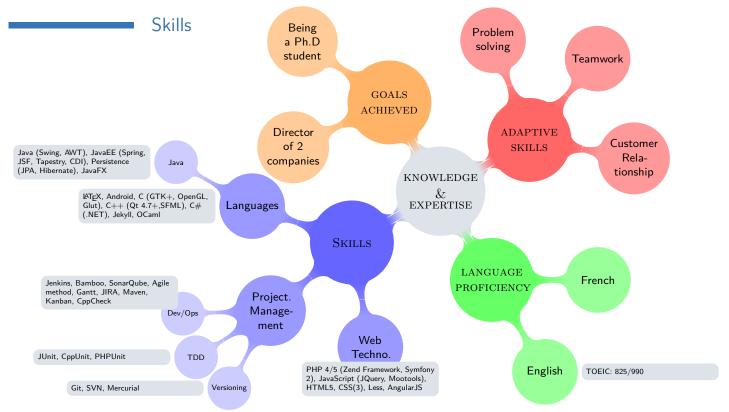
Perform the comparison and merging management projects prepaid accounts and receipts of items to achieve a complete software, generic and reusable.

Axa Assistance Montreal, Canada

PHP/Zend Developer (4 months ∧ 4 months)

Jun. '13 − Aug. '13 ∧ May. '12 − Aug. '12

Internship at AXA Assistance Canada, to create an internal website in PHP 5.3 and Zend Framework, the goal was the merger of several existing sites so that field agents no longer uses a single intranet to access everything they need. Recommendation Letter: Sid Benachenhou (IT Director of Axa-Assistance Canada).



Thesis topic

Practical resolution of the coherence of formulae in modal logic. Realization and evaluation of softwares able to reason and check the satisfiability of modal logic formulae. Supervised by Daniel Le Berre and co-supervised by Jean-Marie Lagniez and Tiago de Lima.

Keywords Modal Logic, Artificial Intelligence, Automated Reasoning. [LBdLM16a, LBdLM16b]

Teaching

Algorithm (8h) Teaching first year students algorithms for 8 hours. We discover the concepts of: Linked List simple, Linked List double, Array multi-dimensions and Heap. We used the C++ to put these concept in practice.

C++ (12h) The first year students start to manipulate C++ in a more advanced way for 12 hours. Manipulating pointers, recursivity...

C++/SFML (48h) Manipulation for the first year students of the Human-Machine interfaces in C++. We practiced the SFML library for 48 hours.

GNU/Linux (48h) During 48 hours, we practice how to use the shell and how to write shell script to perform a task. Using Fedora 18 and bash for the shell.

Interests

Traveling England (3 weeks), Québéc (8 months + 3 months), Poland (5 months + 5 months)

Conferences Coimbra (Portugal) (1 week), Montpellier (France) (1 week), San Francisco (USA) (1 week)

References

[LBdLM16b]

[LBdLM16a] Jean-Marie Lagniez, Daniel Le Berre, Tiago de Lima, and Valentin Montmirail. À propos de la vérification de modèles en logique modale K. In Bruno Zanuttini and Tiago de Lima, editors, Actes des 10es Journées d'Intelligence Artificielle Fondamentale (IAF 2016), pages 149–157, June 2016.

Jean Marie Lagniez, Daniel Le Berre, Tiago de Lima, and Valentin Montmirail. On Checking Kripke Models for Modal Logic K. In Pascal Fontaine, Stephan Schulz, and Josef Urban, editors, 5th Workshop on Practical Aspects of Automated Reasoning (PAAR), number 1635 in CEUR Workshop Proceedings, pages 69–81, Aachen, 2016.