Pierre Leca

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92 100 Boulogne-Billancourt, France

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EDUCATION

PhD in Computer Science
January 2017 – Now.
Université Côte d'Azur, France.

Engineering Degree in Computer Science
September 2013 – October 2016
Polytech Nice-Sophia, France.

Erasmus Exchange year
August 2014 – June 2015
Linköping University, Sweden.

Technological Degree in Computer Science
September 2011 – June 2013
« DUT Informatique »
Aix-Marseille University, France.

WORK EXPERIENCE

PhD Engineer, *Huawei Technologies*
January 2017 – September 2020
Combining active object and BSP programs.
Boulogne-Billancourt, France.

Distributed throttling, *Amadeus*
March 2016 – September 2016 (internship)
Outgoing DOS attack protection mechanism in C++ for distributed systems to complement an existing guaranteed delivery mechanism.
Nice, France.

Wifi parental control, *IT-Consulting*
July 2015 – August 2015 (internship)
Configurable wifi card with parental control managing opening time, history and DNS redirection for blocked domains for each user.
Ajaccio, France.

ERP modules, *Createch Design*
April 2013 – June 2013 (internship)
Development of OpenERP modules in Python to automate management tasks.
Granby, Canada.

PUBLICATIONS

Combining active object and BSP programs.
Pierre Leca. 2020.
PhD Thesis (in progress)

Distributed futures for efficient data transfer between parallel processes.
Pierre Leca, Wijnand Suijlen, Ludovic Henrio, and Françoise Baude. 2020. In Proceedings of the 35th Annual ACM Symposium on Applied Computing (SAC '20). Association for Computing Machinery, New York, NY, USA, 1344–1347.

Active Objects for Coordinating BSP Computations (Short Paper).
Gaétan Hains, Ludovic Henrio, Pierre Leca, Wijnand Suijlen. 2018. In: Coordination Models and Languages. COORDINATION 2018. Lecture Notes in Computer Science, vol 10852. Springer, Cham.

SKILLS

Proficient
C/C++, MPI, Java
Experienced
Python, SQL, PHP, JavaScript, LUA
Beginner
ASM (ARM, MIPS)
Tools
Git, cmake, Testing, Vim, Linux, Latex

LANGUAGES

English
Professional working proficiency
French
Native proficiency