Curriculum Vitae

Personal Data

Name	Fernando Tarín Morales
Nationality	Spanish
E-mail	tarin.f@gmail.com

Higher Education

2004 - 2010 **Technical University of Valencia**
Computer Engineering, Specialization in Software Engineering

2010 - 2011 **Technical University of Valencia**
Master in Software Engineering, Formal Methods and Information Systems

2013 - now **The University of Tokyo**
PhD Student at the Computer Science Department

Knowledge

Programming Languages:
C/C++, Python and Shell Scripting (Bash).
Knowledge of Java.

Experience

2013 - now **National Institute of Informatics at the National Center of Sciences of Japan**
Research assistant at professor Honiden's laboratory
http://www.honiden.nii.ac.jp/
Research assistant at professor Honiden's laboratory. Working on internal research groups and my own research thesis based on logic resolutors and logical computable languages.

2009 - 2010 **Technical University of Valencia**
Researcher at ELP
http://users.dsic.upv.es/grupos/elp/index.html
Fellow of the ministry to develop my thesis. The thesis establishes a prototype model to generate specialized solvers for Datalog.

Publications

Fernando Tarín, Fuyuki Ishikawa, Shinichi Honiden. DBPL 2015. "Abstract Rewriting Approach to Solve Datalog Programs"

Fernando Tarín, Christophe Joubert, Marco A. Feliú. *Electronic Communications of the EASST:35*, 2010.
"Evaluation Strategies for Datalog-based Points-To Analyses"

Software Projects

Lince
http://lincetorrent.sourceforge.net/
Bittorrent client developed in C++ and Python

Wepdecrypt
http://wepdecrypt.sourceforge.net/
Program to audit the security of wireless networks developed in C.

Ōkami
https://github.com/Nan-Do/okami
Okami is a next generation solver for Datalog. It is based on the specialization of a Datalog's resolution technique to compile a program into a effcient relational algebra abstract machine.

Sudoku-tools
https://github.com/Nan-Do/sudoku-tools
Tool designed to generate, solve and validate high quality sudokus developed in Python.

Wspy
https://github.com/Nan-Do/wspy
Wireless intrusion detection system developed in Python.

Other Repositories
https://github.com/Nan-Do/
Mainly side projects to explore interesting ideas and repositories with my solutions to some web coding challenges like *Project Euler* (top 2%), *4clojure.com* (all solved), or *codewars*(3 kyu).

Honors and Awards

2013	Japanese Government (Monbukagakusho) Scholarship.
2010	Spanish Ministry of Education Scholarship.

Skills and Interests

Languages	Spanish (Native), Catalan/Valencian (Native), English (Fluent), Japanese (Basic)
Interests	Cooking, reading, computers and discrete math. Taking part on online courses (Coursera, Udacity, etc. . .). Practicing a healthy life style including nutrition and fitness.