

# 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 - 2017                **The University of Tokyo**  
*PhD Student at the Computer Science Department*  
(not finished yet)

## Knowledge

### Programming Languages:

C/C++, Python, Shell Scripting (Bash), SQL.  
Knowledge of Java.

## Experience

2013 - 2017 (September)    **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. Internal research projects and my own research thesis based on logic resolvers for databases.

2017 (October) - 2018 (January)    **Countir (<http://countir.jp>)**  
*Software developer (part time job)*  
Backend development (rails + vue.js) and basic crypto development (fabric, ethereum).

2017 (December) - Now    **National Institute of Advanced Industrial Science and Technology**  
*Member of the Knowledge and Information Research Team*  
*Artificial Intelligence Research Center (AIRC)*  
Working on graph-to-graph transformations for applications on natural language processing.

## 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.

### Okami

<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 efficient relational algebra abstract machine.

### Wspy

<https://github.com/Nan-Do/wspy>

Wireless intrusion detection system developed in Python.

### Other Repositories

<https://github.com/Nan-Do/>

Paper related code, side projects 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.

February 25, 2018