

# Curriculum Vitae

## Personal Data

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

## Higher Education

2013 - 2017               **The University of Tokyo**  
*PhD Student at the Computer Science Department*  
(non graduated yet)  
  
2010 - 2011               **Technical University of Valencia**  
*Master in Software Engineering, Formal Methods and Information Systems*  
  
2004 - 2010               **Technical University of Valencia**  
*Computer Engineering, Specialization in Software Engineering*

## Skills

### Programming Languages:

C / C++, Bash, Python, Knowledge of Java.

### Machine Learning / Data Analysis:

Cypher, Pandas, Scikit-learn, SQL, Tensorflow.

## Experience

2018 (April) - Now       **Momentum (KDDI Subsidiary).**  
*Data Scientist and Applied Researcher.*  
  
2017 (December) - 2018 (March)       **National Institute of Advanced Industrial Science and Technology.**  
*Member of the Knowledge and Information Research Team*  
*Artificial Intelligence Research Center (AIRC)*  
Graph-to-graph transformations for applications on natural language processing.  
  
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/>*

## 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.

### Wspy

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

Wireless intrusion detection system developed in Python.

### Other Repositories

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

Researching related code, other side projects, and repositories with my solutions to some web coding challenges.

*Project Euler* (top 2%), *4clojure.com* (all solved), *codewars*(3 kyu).

## Honors and Awards

2013                      Japanese Government (Monbukagakusho) Scholarship.

2010                      Spanish Ministry of Education Scholarship.

## Languages and Interests

Languages              Spanish (Native), Catalan/Valencian (Native), English (Fluent), Japanese (Basic)

Interests                Western philosophy, cooking, and discrete math.  
Practicing a healthy life style based on nutrition and fitness.  
Taking part on online courses (Coursera, Udacity, etc. . . ).

October 3, 2018