

# 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*  
(non graduated)

## Skills

### Programming Languages:

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

### Machine Learning / Data Analysis:

Pandas, Scikit-learn, Tensorflow, SQL.

## 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/>*

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.

2018 (April) - Now    **Momentum (<http://www.m0mentum.co.jp/en/index.html>).**  
*Data Scientist and Applied Researcher.*

## 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 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 based on nutrition and fitness.

August 13, 2018