

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
(withdrawn)

Knowledge

Programming Languages:

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

Databases:

SQL, Cypher, Redis.

Machine Learning:

Scikit-learn, Tensorflow.

Data Science:

Pandas, Jupyter/Ipython, Matplotlib, Hive.

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 (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 including nutrition and fitness.