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)

Knowledge

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

Machine Learning / Data Analysis:
                Numpy, Pandas, Jupyter/Ipython, Matplotlib.
                Scikit-learn, Tensorflow.
                SQL, Cypher.

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 projectsi and my own research thesis based on logic resolutors 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.

August 1, 2018