

FABIO PELUSO

SUMMARY Mathematician, eclectic; I'm looking for the possibility apply my mathematical knowledge and my skills to interesting, concrete problems and learn everyday new things.

RELEVANT PROJECTS

NAIVE ANALISYS OF A DYNAMICAL SYSTEM WITH PARALLEL COMPUTING
I successfully set up a mini-cluster with 15 Raspberry Pi 3; after that we used this mini-cluster to analyze the Henon-Heiles system with a parallelized (MPI) version of a symplectic interator.

DATASET ANALISYS WITH MACHINE LEARNING TECHNIQUES
Analisy (with Python scikit-learn) of a numerical dataset containing satellite data with several methods.
Accuracy obtained: >80% with SVM and KNN.

SKILLS

Programming skills: basic knowledge of C, Java, Python
Language skills: Italian (Mothertongue), English (Advanced), French (Beginner)
Other skills: HTML, Wordpress, Linux, LaTeX, MatLab.

PROFESSIONAL EXPERIENCE

JUNIOR DEVELOPER, ARAKNE S.R.L., ROME
From Jan 2018

PROFESSOR OF MATHEMATICS, ISTITUTO CESARE PAVESE, CIAMPINO (ROME AREA)
Sep 2016 – May 2017

ASSISTANT PROFESSOR AND TUTORING, UNIV. OF ROME TOR VERGATA
Oct 2015 – Sep 2016

WEB DESIGN AND COMMUNICATION OFFICE, ITALIAN SENATE, ROME
Aug 2011 – Aug 2012

EDUCATION

MASTER DEGREE IN APPLIED MATHEMATICS
University of Rome Tor Vergata. Graduation date: 15 December 2017. Grade: 105/110.
Master Thesis: Lidov-Kozai Resonance in Celestial Mechanics (in italian).

HIGH SCHOOL DIPLOMA
Liceo Scientifico Vito Volterra, Ciampino, July 2007. Grade: 100/100

MORE INFOS

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PERSONAL WEBSITE: <http://fabiopeluso.it/>