

PORTFOLIO OVERVIEW

Programming Projects	Machine Learning Projects
<ul style="list-style-type: none">• An app in Java for the management of travel orders of Paris-Dauphine University's professors-researchers - using a geolocation API (Agile methodology using GitHub, Travis CI & Maven)• The study of the N-Body problem in celestial mechanics in Python• The study of the double pendulum and its chaotic motion in dynamical systems in Python• A simulator of assembler language in C• An airport manager in C• A time-sharing processor allocation simulator in Java• A soccer team composition after designing and feating MCDM algorithms in Python (in progress)	<ul style="list-style-type: none">• Portuguese Wine Quality Prediction using PCA and multilinear regression with Numpy• Implementation of LDA, Logistic Regression and its regularization (Lasso, Ridge) with scikit-learn and Numpy• Implementation of Classifiers evaluations with Numpy