GENETIC ALGORITHM FOR TSP

*Implementation and Experimentation of a genetic in Python.*

### The next document describes the process followed to implement the “Traveling Salesperson” Problem in Python. It includes a memory of changes of the project and the results of experimentation obtained.

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07/09/2017

# INTRODUCTION

## Software

The software used to develop the task was mainly [Spider v.3](https://pythonhosted.org/spyder/) and the [Python Release 3.5](https://www.python.org/downloads/release/python-350/); those two were obtained by means of [Anaconda](https://www.anaconda.com/download/). In the latest stages of the project, [Git](https://git-scm.com/) was used to upload the project and make it public in addition to keep a better version control.

The project is uploaded to: <https://github.com/DeadPixelG/TSP-Gen>

## Hardware

We used a variety of different computers in development but the specs of the one used in the experimentation stage are the most important since it determines the time and performance of the algorithm.

**CPU:** AMD FX-6300 3.5GHZ x 6 cores.

**RAM:** G.Skill Sniper 8GB (4GBx2) DDR3 1333.

## (Melchor, si usas tu PC para experimentación, añade aquí tus specs también)