

# Algorithm to produce GPS Art given an input image

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## Abstract

[GPS Art](#) is a popular hobby activity, in particular on social networks like [Strava](#). This project intends to create a piece of software that would allow the user to input an image or a vector graphic and have the algorithm suggest a location to draw the given art on the map, using available streets in a city, for example.

## 1 Planning

A daunting project at first, we brainstormed ideas for algorithms that would be more efficient than brute forcing every scale factor and every location possible.