

# Tirso Pascual Garcia

✉ tirsonihon@gmail.com

🌐 <https://tirsop.com>

🐙 [GitHub.com/tirsop](https://github.com/tirsop)

Languages: English (Business level) Japanese (JLPT N2) Spanish (Native)

## Coding Projects

### Ally Maps

Jun 2022

Trip-planner app for people with disabilities. Users can create itineraries and check directions and travel times in real-time.

Ruby on Rails

JavaScript

PostgreSQL

🌐 [allymaps.com](https://allymaps.com)

### YelpCamp

Jun 2022

App for camp lovers that geo-locates US camp sites. It includes reviews, maps, user authentication and authorization.

JavaScript

Node-js

MongoDB

🌐 [yelpnodejs.herokuapp.com](https://yelpnodejs.herokuapp.com)

### Ninja Garage

May 2022

Marketplace app that allow users to rent vehicles of different Japanese car subcultures.

Ruby on Rails

JavaScript

PostgreSQL

🌐 [ninja-garage.herokuapp.com](https://ninja-garage.herokuapp.com)

### Portfolio tirsop.com

Jun 2022

App containing all my web-dev projects, experiments, games and additional information.

React

JavaScript

HTML

CSS

🌐 [tirsop.com](https://tirsop.com)

## Professional Experience

### SOLIZE 株式会社

Apr 2020 → Present

- Lead Engineer for two mechanical systems analysis projects for a top global automotive OEM.
- Performed vehicle dynamics simulations (KNC tests, steering and ride comfort simulations) and programmed scripts that automatically ran simulations and displayed formatted results.
- Expanded business opportunities by creating a demo-project consisting of co-simulation between mechanical and control systems of an automobile.
- Trained five new graduates on vehicle dynamics theory, software usage and business presentation skills with self-created materials.

## Education

### Le Wagon Tokyo

Apr 2022 → Jun 2022

9-week web-development bootcamp in Tokyo.

### Oxford Brookes Uni.

Sep 2016 → Mar 2018

Master of Science in Automotive Engineering.

### The University of Tokyo

Apr 2016 → Ago 2018

Final Degree Project about deformation analysis using X-ray CT technology.

### Valencia Polytechnic Uni.

Sep 2011 → Mar 2016

Bachelor's Degree in Mechanical Engineering.