

Marc JULIO

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EDUCATION

M.Sc. in Transportation Systems, Technische Universität München	Germany
<ul style="list-style-type: none">Thesis: « Methodology development for the calibration of microscopic traffic simulations in Aimsun Next focusing on automated driving and on some aspects of connected autonomous driving »	2019-2022
Master's Degree « Diplôme d'ingénieur », ESTACA	France
<ul style="list-style-type: none">Specialisation: Railway technologiesAcademic exchange in BEIHANG University, Beijing, China	2014-2022 2018

WORK EXPERIENCE

Technische Universität München	Munich, Germany
<i>Research Assistant at the Chair of Traffic Engineering and Control</i>	Oct. 2021 - May 2022
<ul style="list-style-type: none">Research assistance in a university research project on the impact of road traffic automation in Munich city and its areaReview of scientific literature on autonomous vehicles and their modelling in micro-simulation softwarePython programming of the implementation of autonomous vehicles on AIMSUN Next, a micro-simulation software for road traffic	
EGIS RAIL	Montreuil, France
<i>Project Management Assistant in the Infrastructure Design Office of the Grand Paris Express line 16 subway</i>	Feb. - July 2019
<ul style="list-style-type: none">Coordinate technical matters involving the general contractor for systems work and the general contractor for infrastructure workPropose solutions to interface problems between systems and infrastructure worksOrganise and write reports of workshops to resolve interface problems between systems and infrastructure works	
EUROVIA TRAVAUX FERROVIAIRES	Marseille, France
<i>Site Supervisor Assistant</i>	July 2018 - Jan. 2019
<ul style="list-style-type: none">Preparing the agency's work sites (drawing up estimates with suppliers, setting up work schedules, ordering the necessary equipment and materials)Drafting work procedure documents and quality files for the clientOrganising and managing teams of workers on construction sitesEnsure the safety of people and equipment during work	

SKILLS

Programming	Python, JS, R, Matlab: Advanced Level
Technical	Pack Office, QGIS, Aimsun: Advanced Level Catia: Basic
Languages	French: Native English: Fluent German: Advanced (B2)

HOBBIES

Triathlon	Four years in regional and national competition. Half-ironman finisher
Trips	Six months across Central America in 2023 and other trip in Asia and Europe
Reading	Books about traveling or history