

JAVIER DE MARTIN

Bilbao, Spain
javierdemartin@me.com

javierdemart.in
@javierdemartin
github.com/javierdemartin

Telecommunications Engineer & iOS Developer

Last year Telecommunications Engineering MSc student, graduating July 2020. I enjoy working on iOS apps, Machine Learning projects, running and reading on my spare time. Free to relocate after graduating.

WHAT I LIKE TO WORK WITH

Swift / Git / Python / RxSwift / Machine Learning / Influx DB /
Time Series Forecasting / Telecommunications / TCP/IP / iOS Network Extensions

WORK

iOS Developer Freelance AUG 2019 ...

Working remotely to develop an always on VPN and DNS based content blocking for iOS devices. Managing multiple VPN services on a single device and restoring the VPN tunnel after a network interface change.

iOS Developer Aholab Research Group @ University of the Basque Country APR 2018 - JUL 2018

AhoTTS, a speech synthesiser for Spanish and Basque speakers.

PROJECTS

Neural-Bikes `code.neural.bike` SEP 2017 ...

Bike sharing services are not balanced. Availability is scarce depending on the station and day. Solving bike sharing services main problem, unequal availability, by training a neural network to predict the number of bikes per station. This could help service operators locate where and when they are needed to balance a station before it's necessary.

Bicis App `app.neural.bike` SEP 2016 ...

iOS app that displays the predictions and historic availability of each bike sharing station.

Bicis Web App `neural.bike` APR 2019 ...

Visualization of the Machine Learning predictions Web App version of Bicis. Node.JS + EJS templates.

Blog `javierdemart.in/blog` 2019 ...

Hosting and serving my own content, Markdown posts served using a YAML frontmatter.

EDUCATION

MSc in Telecommunications Engineering University of the Basque Country OCT 2018 - JUL 2020

Specialization in Telematics - Final thesis on clustering analysis and prediction of bike sharing services using neural networks.

BSc in Telecommunications Engineering University of the Basque Country SEP 2013 - SEP 2018

Specialization in Telematics - Final thesis on designing and coding of neural networks to predict availability on bike sharing systems. This led to open sourcing the project as Neural-Bikes.