# VICTOR MANUEL DOMÍNGUEZ RIVAS

### **Computer Engineer & Software Developer**

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**○** VicDominguez



### **EXPERIENCE**

### **Embedded Software Engineer**

#### TTTech Auto

- July 2023 Currently
- Madrid, Spain
- Development of real-time software for various OS and ARM-based SoCs.
- Implementation and evolution of CI/CD pipelines and package management.
- Software Integration and board Bring-up for customer ECUs.
- Experience with SAFe methodology and international teams.

### Web Development

#### **Freelance**

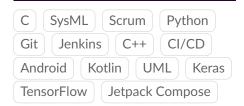
- September 2021 December 2022 Madrid, remote
- Backend development of a professional association's website in **Drupal 10**, emphasis of digitalization of several procedures as projects approvals or payments.
- Implementation of cryptographic and signature components.

### Formula Student Team Internship

#### **UPMRacing**

- **September 2020 July 2021**
- INSIA, Spain
- Development with Darknet framework of a subset of the perception system.
- Competition in the static tests of 2021 Formula Student UK.

# **KNOWLEDGE**



### SOFT SKILLS

	T T OTTIELS
	C1 level of English Cambridge Advanced (CAE)
:2:	Teamwork
<u> .ii </u>	Analytical thinking
<b>*</b>	Resilience
	Continuous learning

### STUDIES

#### Master in Distributed and Embedded Systems Software

### Polytechnic University of Madrid - School of Computer Systems Engineering

**September 2021 - July 2024** 

☐ Average mark: 9.20

• Master's thesis: Emotional wellbeing, an Android app to early detect stress, depression, loneliness and risk of suicide using biometric data from wearables and questionnaires; offering advices to improve user's emotional wellbeing.

#### Double Degree in Computer Engineering and Technologies for the Information Society

#### Polytechnic University of Madrid - School of Computer Systems Engineering

**September 2016 - July 2021** 

☐ Average mark: 8.37

- Bachelor's thesis: Generation of impressionistic pictures using Neural Networks, a ML model to apply artistic styles to pictures.
- Bachelor's thesis: Smart Driving Assistant, a Time Real System based on Linux and POSIX to implement several ADAS.

## AWARDS RECEIVED

- Best Master's Thesis in 2023-2024 graduating class.
- Best Computer Engineering record in 2020-2021 graduating class.
- Best Information Society Technologies record in 2020-2021 graduating class.

# ADDITIONAL STUDIES

- Machine Learning with TensorFlow on Google Cloud Platform specialization in Coursera.
- Risk Management: SAP GRC, Fraud Management and Cybersecurity by Deloitte.