



Victor Callejas Fuentes

Software/ML Engineer

victor-callejas-fuentes

vcallejasfuentes@gmail.com

+34 645 56 64 61

Valencia, Spain

ABOUT ME

Bachelor on computer science student at the Polytechnic University of Valencia and SWE at HyperloopUPV.

Lover of new technologies and progress. Passionate about hackathons, giving workshops and value investing.

In my free time I like running and learn more about fields I am passionate about such as Machine Learning, Cloud Computing and DevOps.

LANGUAGES



AWARDS

2019 CHALLENGE WINNER

JUNCTION LTD

<https://bit.ly/junction-varian>

Junction is Europe biggest hackathon. My team and I won the healthcare challenge proposed by Varian Medical Systems with a graphical user interface to make easier and faster the job of the medic and physician.

2019 1ST PRIZE UPV ADVENT OF CODE

Universidad Politécnica de Valencia

ACM UPV

Code competition for second year students.

2018 1ST PRIZE V IDEAS UPV CHALLENGE

Universidad Politécnica de Valencia

IDEAS UPV

Proposal: non-intrusive way of measuring biomedical parameters in e-sports players through artificial vision. With the collaboration of MAD LIONS E.C.

2018 SPACE APPS HACKATHON

NASA Space Apps

NASA

<https://bit.ly/noticia-upv-spaceapps>

Local Second prize and Best Concept Mission.

Space assistant chatbot that answers questions about space and informs about new space launches. This bot also implemented a deepart feature to combine a picture you select with one of NASA Space Gallery.

2018 1ST PRIZE III OPENDATATHON

Universidad Politécnica de Valencia

DATA UPV

Prediction of pollution and pollen in the city of Valencia.

2017 1ST PRIZE III IDEAS UPV CHALLENGE

Universidad Politécnica de Valencia

UPV

Proposal: dynamic and real time system to control the semaphores with a machine learning model given the volume of cars in the roads thanks to artificial vision and cameras at the top of the semaphores.

SKILLS

General Programming

C++, Java, C#

Parallel Programming

MPI, OpenMP

Project Management

Gantt, Agile, Kanban, Innovation through Lean

Startup Methodology

Machine learning

R, Python: PyTorch, Statistics, Exploratory analysis, Feature Engineering, Linear Models, Deep Learning, NLP

Web Development

HTML, CSS, Javascript, Typescript, Sockets,

REST API, Node js, AngularJS, Angular 8

Cloud Computing

Amazon Web Services and Google Cloud Platform, Docker, Microservices

Others

Version Control System (Git), Robotics (Arduino, Raspberry), CLI (Unix), Chatbots (Dialogflow, IBM Watson), Databases (Relational SQL, MongoDB) ...

EXPERIENCE

2018 - 2020

LEAD SOFTWARE DEVELOPER

Hyperloop UPV

<https://linkedin.com/company/hyperloopupv/>

Innovation award at the IV Hyperloop Pod Competition organized by SpaceX, which is one of the most demanding engineering competitions.

I lead the development of the telemetry system, Graphical User Interface, middleware and DevOps.

This successfully passed all SpaceX tests and was the best among all the teams.

2018 - NOW

ORGANIZING MEMBER

ACM UPV - Association for Computing Machinery

<https://linkedin.com/company/acmupv/>

GitKraken AMBASSADOR - Axosoft

- Organizing events, conferences and competitions in the field of computer science

- Imparting workshops (Git, GitKraken, Dialogflow)

EDUCATION

2017 - MAY, 2022 BACHELOR OF COMPUTER SCIENCE

Universidad Politécnica de Valencia

UPV

<https://www.upv.es/titulaciones/GII/indexi.html>

2019 GOOGLE CLOUD PROFESSIONAL ARCHITECT

Google Cloud

<https://credential.net/e1c3fad3-3d25-45f8-b3ea-1a545e1d7772>

2019 CLOUD COMPUTING WITH AWS

Universidad Politécnica de Valencia

UPV

<https://grycap.upv.es/cursocloudaws/contenido.php>

2019 PROJECT MANAGEMENT

By University of California Irvine on Coursera

<https://coursera.org/learn/project-management-basics>

2018 - 2020 DATA SCIENCE SPECIALIZATION

By Johns Hopkins University on Coursera

<https://coursera.org/specializations/jhu-data-science>

2020 DEEP LEARNING SPECIALIZATION

By Stanford and DeepLearning.ai on Coursera

<https://www.coursera.org/specializations/deep-learning>

<https://www.coursera.org/learn/machine-learning>

<https://www.coursera.org/specializations/natural-language-processing>

2017 - 2018 SPECIALIZATION IN ENTREPRENEURSHIP

Santander International Entrepreneurship Center

<https://explorerbyx.org>

380-hour entrepreneurship course following the lean startup methodology, with some of the best experts on the field