Alejandro Gilson Campillo
Software Engineer

PERSONAL DETAILS
Alejandro Gilson Campillo
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AREAS OF EXPERTISE

Software Engineering

Machine Learning

Signal Processing

Full Stack

Electronic Engineering

PROFESSIONAL SKILLS

C/C++

Python

MATLAB

Django

Full Stack

Native Spanish

Native English

B2 German

C1 Catalan

Intermediate French

PERSONAL SKILLS

Communication (oral & written)

Ambition

Organization

Avid learner

Curiosity

PERSONAL SUMMARY

An ambitious, very hard working and highly competent software and electronic engineer from Imperial College London able to accomplish demanding tasks in an efficient, cost-effective and reliable way that meets the required specifications. A very approachable team partner who knows how to listen and get along with other colleagues.

Alejandro Gilson is currently looking for a job in a suitable technical position that will expand his skills and further develop his career.

EXPERIENCE

Software developer at AKKA Technologies *Oct* 2019 – Present   Munich, Germany

- Introduction to the role of a consultant and Agile methodologies.
- Involvement in a research project for autonomous driving.
- Implementation of a VSlam algorithm for object tracking and mapping from images.

Secretary of the Spanish Society at Imperial College London *Oct* 2018 – Jun 2019

Co-founder of Centing

Co-founder and Software Engineer   Jun 2018 – Dec 2018 Madrid, Spain

Centing is a platform for charity donations through recurrent and round-up payments.

- Creation of a full functioning website using the web framework Django
- Design of a user interface that engages with the users
- Development of a payment system that takes credit card information in a safe way

Project with Imperial College London and FAC Technologies

Software Engineer   Apr 2018 – Jun 2018 London, United Kingdom

Development of a computer algorithm to study the growth of cracks on new composite materials.

- Creation of a communication channel between the crack testing machine and the computer.
- Development of a data processing algorithm to provide useful data to the engineer.

Airbus Defence and Space GmbH Placement

EMC Engineer   Jun 2017 – Sept 2018 Immenstaad, Germany

Responsible for the development of solutions at the Mobile Solutions department and the update of required equipment.

- Creation of an electromagnetic radiated susceptibility automated test with C++.
- Development of a remote-control system interface for laboratory equipment.

ACADEMIC QUALIFICATIONS

Winner of second prize for best 2ⁿᵈ year project at ICL   May 2017
Imperial College London   Oct 2015 – Oct 2019
MEng Electrical and Electronic Engineering (Grade: 2.1)

La Miranda The Global Quality School   Sep 2012 – Jun 2015   Barcelona
Average (8.56)
Winner of Maria Kolt Contest for the best research project   May 2015

REFERENCES – Available on request.