

Alejandro Gilson

Electrical and electronic engineering student

AREAS OF EXPERTISE

Software Engineering

Machine Learning

Signal Processing

Full Stack

Electronic Engineering

PROFESSIONAL SKILLS

C/C++

Python

MATLAB

Django

Native Spanish

Native English

B1 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 electrical and electronic engineering student at 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 graduate job in a suitable technical position that will expand his career skills.

WORK EXPERIENCE

Co-founder of Centing

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

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

Duties:

- 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.

Duties:

- 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 2017 Immenstaad am Bodensee, Germany

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

Duties:

- 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 – Jun 2019

MEng Electrical and Electronic Engineering (Prospective 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.

PERSONAL DETAILS

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