

# Alejandro Gilson

## Electrical and electronic engineering student

### AREAS OF EXPERTISE

*Software development*

*Data Science*

*Hardware design*

*Oral presentations*

### PROFESSIONAL SKILLS

*Native Spanish*

*Native English*

*C1 Catalan*

*Intermediate French*

*B1 German*

*C/C++*

*Python*

*MATLAB*

*Django*

*Machine Learning*

*Web development*

### PERSONAL SKILLS

*Ambition*

*Organization*

*Avid learner*

*Curiosity*

*Social skills*

### PERSONAL SUMMARY

An ambitious, very hard working and highly competent electrical and electronic engineering student at ICL 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.

### KEY SKILLS AND COMPETENCIES

- Machine learning
- Signal processing.
- Data science
- Full stack software engineering
- Communication skills in oral and written forms

### WORK EXPERIENCE

#### *Project with Imperial College London and FAC Technologies*

Software Engineer      Apr 2017 – Jun 2017      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.
- Design of a mercury switch that met the laboratory requirements for testing.
- Setup of a Flicker and Harmonic analyser device.

### ACADEMIC QUALIFICATIONS

*Winner of second prize for best 2<sup>nd</sup> year project at ICL*

*May 2017*

*Imperial College London      Oct 2015 - Present*

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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