

# FRANKLY LEONARDO TORO GONZALEZ

## ELECTRICAL AND COMPUTER ENGINEERING MASTER STUDENT

### PROFILE

Dynamic, disciplined and responsible engineer who is passionate about robots, machine learning and computer vision systems

### DISTINCTIONS

Participant in the "Best GPAs Program" of the Faculty of Engineering, Universidad Nacional de Colombia

Participant in the Visiting Student Research Program at King Abdullah University of Science and Technology

### LANGUAGES

English: B2 Level (Universidad Nacional de Colombia)  
German: B1 Level (Goethe-Zertifikat B1)  
French: B2 Level (DELF B2)  
Spanish: Mother tongue

### COMPUTER SKILLS

**Technical:** MATLAB/Simulink, Inventor, AutoCAD, Solid Edge, NX Unigraphics, Multisim, Proteus, Java, C++, Python, LaTeX, OpenCV, RobotStudio, ROS, Jupyter Notebook, Github  
**Office:** Office Suite, Adobe Premiere  
**Operating systems:** Windows, Linux, Mac OS

### INTERESTS

Reading (Scientific articles, universal literature)  
Sport (Swimming, soccer, table tennis)  
Dance (Bachata, Salsa, Merengue)  
Photography  
Puzzles

### CONTACT

4700 King Abdullah University of Science and Technology  
Thuwal 23955-6900  
(+966) 56 534 5859  
[frankly.torogonzalez@kaust.edu.sa](mailto:frankly.torogonzalez@kaust.edu.sa)  
Colombian

### EDUCATION

#### KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

MS/PhD Electrical and Computer Engineering | 2020 - Today

- Thuwal, Saudi Arabia

#### UNIVERSIDAD NACIONAL DE COLOMBIA

Mechatronics Engineering | 2012-2019

- Bogota, Colombia
- Undergraduate studies

#### TECHNISCHE UNIVERSITÄT DRESDEN

Mechatronics Engineering | 2016-2017

- Dresden, Germany
- Exchange year: Winter semester 2016/2017 and Summer semester 2017

#### INSTITUTO TÉCNICO CENTRAL - LA SALLE

Technical High School | 2006-2011

- Bogota, Colombia
- Specialty: Electricity and Electronics.

### WORK EXPERIENCE

#### KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Intern | 2019 - 2020

- Thuwal, Saudi Arabia
- Develop a drone-laser alignment prototype for water-to-air communication between autonomous vehicles
- From October-2019 to March-2020

#### UNIVERSIDAD NACIONAL DE COLOMBIA

Auxiliary Student | 2018 - 2019

- Bogotá, Colombia
- Assist with administrative tasks at the International Relations Office - Faculty of Engineering
- From February-2018 to July-2019

#### BOSCH THERMOTECHNIK GMBH

Intern | 2017

- Wernau (Neckar), Germany
- Set up an automated test environment for an energy management system.
- From May 15 to November 15, 2017