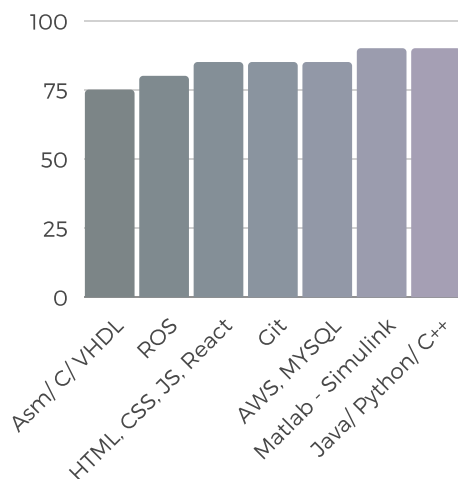# JUAN GOMEZ

M. SC COMPUTER VISION AND ROBOTICS

PERSONAL PROFILE

International student in double degree program, currently in third year of a master of science degree. Experience in computer vision, robotics, machine learning and embedded software. Electronic engineer with training in design of electronic circuits, signal processing and control systems. Excellent oral and written communication skills in several languages. Always willing to learn more and good capacity of adaptation.

SKILLS

Bar chart of skill levels (0–100):
- Asm/C/VHDL: 75
- ROS: 80
- HTML, CSS, JS, React: 85
- Git: 85
- AWS, MYSQL: 85
- Matlab - Simulink: 90
- Java/ Python/ C++: 90

CONTACT

- 38000, Grenoble, France
- juandaniel2716@gmail.com
- +33 0766023651
- https://juandanielgomez.github.io

EDUCATION

Master's Degree in Informatics and Engineering 2019-2021
GRENOBLE INP - ENSIMAG: FRANCE

- 2019 - 2020: M.Eng in Embedded Systems and Connected Objects
- 2020 -2021; M.Sc in Computer Vision, Graphics and Robotics

Bachelor's Degree in Electronic Engineering 2015-2019
UNIVERSIDAD DEL NORTE: COLOMBIA

- Honor Roll member for 7 consecutive semesters: Ranked #1 in my class for 7 consecutive semesters
- Awarded with Orgullo Caribe scholarship
- First place at nacional test ICFES

WORK EXPERIENCE & PROJECTS

Research Intern: DATMO with 3D point clouds 2021

LABORATOIRE INFORMATIQUE DE GRENOBLE: MARVIN TEAM

- M. Sc dissertation in detection and tracking of persons with a 3D LiDar sensor.
- Pre-Processing of 3D point clouds: Voxelization, Segmentation
- Computer Vision techniques: Movement Detection, Classification and Tracking

Face Detection: OpenCv, Keras and Tensorflow 2020

- Background Subtraction and Skin Color Detector
- CNN models trained with Keras and Tensorflow
- Evaluation in AVDIAR video dataset

Portfolio: JuanDanielGomez.github.io

- Find here all of my projects with descriptions
- More computer vision projects: Unbeatable Goalkeeper
- Academic projects: Embedded Software (C), projects in Java, web development and more

LANGUAGES

- Spanish (native)
- English C1
- French C1
- Italian B2

PERSONAL SKILLS

- Team player
- Adaptation
- Planification
- Motivated
- Organized
- Reliable