

Juan Diego Jovane Aparicio

Electrical Engineer and
Computer Scientist

✉ Taiwan, Hsinchu 300

☎ +886 0978098847

🌐 www.linkedin.com/in/juan-diego-jovane-aparicio

@ jdjaxid@gmail.com

About me

A skilled programmer that is always eager to acquire new abilities. A person who believes that perseverance and teamwork are the keys to success.

Language

Japanese

Chinese

English

Spanish

Skills

- Statistics and Probability
- Signal Processing
- Programming
- Circuit Design
- Data Analysis

Work Experience

- | | | |
|--|--|-------------------|
| 2020-2021 | National Yang Ming Chiao Tung University
📍 Taiwan, Hsinchu | Teacher Assistant |
| <ul style="list-style-type: none">• Linear Algebra• Deep Learning | | |
| 2018-2019 | Industrial Technology Research Institute
(Dept. of Mechanics and Robotics)
📍 Taiwan, Hsinchu | Intern |
| <ul style="list-style-type: none">• Integration of mobile arm robot's sub-sensor system.• Developing and coding ROS packages for robotic sensor.• Basic electromechanical programming for devices. | | |

Education

- | | |
|-----------|---|
| 2019-2022 | M.Sc. Electrical Engineering and Computer Science
National Yang Ming Chiao Tung University |
| 2015-2019 | B.Sc. Electrical and Computer Engineering
National Chiao Tung University |
| 2014-2015 | Mandarin Language
National Taiwan Normal University (MTC) |

Projects and Research

- | | |
|-----------|--|
| 2020-2022 | Research on V2X and Satcom Communications
Deep learning channel estimation based on temporal convolutional networks for satellite communication and vehicular communication.
National Yang Ming Chiao Tung University (Adviser: Chia-Han, Lee) |
| 2020 | Qualcomm Project for Development of Future Communication Systems
Integration and design of 5G and beyond communication systems.
National Yang Ming Chiao Tung University (Adviser: Chia-Han, Lee) |
| 2019 | Robotic Hand
Coding and development of robotic hand prosthesis.
Industrial Technology Research Institute |
| 2018 | Research on Bone Conduction Recording
Study on properties of a bone conduction recording device for improving its audio quality.
National Chiao Tung University (Adviser: Stefano Rinni) |

Awards

- | | |
|------|----------------------------|
| 2014 | Taiwan's MOFA Scholarship. |
|------|----------------------------|

Software

Programming Languages: *C/C++, Python, Java, Assembly, Matlab*

Middleware: *Robot Operating System (ROS)*

Web design (Front End): *HTML, CSS, JavaScript*

Operating Systems: *Linux, Windows*

Deep Learning: *TensorFlow, PyTorch*

Mark-up Languages: *Latex, Mark-down*

Version Control: *Git*