

# Felipe de Andrade Aguiar

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## Experience

### ENGINEER | ICON AVIATION | FEB 2017 - TODAY

- Technical Support/ Maintenance Training/ Quality Assurance/ Process Management
- Repair Station Certification Process Manager
- Fleet Data Analysis for Quality and Business Planning
- Development of a Software in VBA Code and Power Apps to Manage Work Orders, Tools, Personnel Training, ANAC Process Deadlines and Quality Issues

### PARTNER | VINCI AERONÁUTICA | JAN 2016 - FEB 2017

- Aircraft Acquisition and Sales
- Fleet Management and Maintenance Technical Control
- Fleet Data Analysis

### INTERNSHIP | ISAE-SUPAÉRO | MAR 2015 - JUL 2015

- Development of an Electric-Driven Engine for E-Fan Project
- Aerodynamic Surfaces Design using CATIA software
- Development of numerical methods for Pressure Ratio comparison

## Education

### B. S. AERONAUTICAL ENGINEERING | FEB 2011 - DEC 2015

*Instituto Tecnológico de Aeronáutica (ITA), São José dos Campos, SP - Brazil*

### GRADUATE EXCHANGE PROGRAM | JUL 2014 - JUL 2015

*Institut Supérieur de l'Aéronautique et de l'Espace (ISAE), Toulouse, France*

Major: Aerodynamics/Propulsion

## Achievements

**XX ENCITA Award** - September 2014

Instituto Tecnológico de Aeronáutica - ITA, Brazil

**Jim Furfaro Award for Technical Excellence** -

June 2013 – Green River, USA

## Courses

### Data Science & Machine Learning:

- Machine Learning (Coursera/Stanford)
- What Is Data Science (Coursera/IBM)
- Tools for Data Science (Coursera/IBM)
- Data Science Methodology (Coursera/IBM)
- Python for Data Science, AI & Development (Coursera/IBM)
- Python Project for Data Science (Coursera/IBM)
- Databases and SQL for Data Science with Python (Coursera/IBM)

### Aviation:

- Gulfstream G450/G550 Line & Base Maintenance (Flight Services)
- Hawker 900XP Line & Base Maintenance (Flight Services)
- Phenom 300 Line & Base Maintenance (Flight Services)
- Fundamentals of IS-BAO Workshop (IBAC)
- IS-BAO Auditing Workshop (IBAC)
- Helicopter – Controls, Systems and Limitations (FAA)

## Computer Skills

**Languages:** MATLAB, Python (Basic), SQL, VBA, JavaScript (Basic), MS Power Apps (Basic Applications), LaTeX (Basic)

## Language

**English** - Advanced

**French** - Intermediate