



Emanuele Cannizzaro

Aerospace Engineer, Software Developer, Data Scientist and Business Transformer

Statement

Business-minded engineer that provides data-driven and customer-oriented solutions to challenging problems with a demonstrated ability to deliver valuable insights via analytics and advanced big data tools.

Work Experience

2015 to Present	Technical Team Leader Responsible of A350 Nose and Center Fuselage Structural Assembly FDT Team in Toulouse with direct reporting to the Head of	Airbus
2011 to 2015	Head of Fatigue and Damage Tolerance Responsible for supervising the Time, Cost and Quality aspects of the FDT deliverables to UK customers Management of the FDT Teams in UK and Germany	Assystem UK
1999 to 2001 2004 to 2011	Senior Fatigue and Damage Tolerance Engineer Direct focal point of the Airbus Team for the Outer Wingbox Work packages delivered produced internally and externally for A400M and A380 Project Manager of contracts outsourced to companies in UK, Europe and India	Atkins
2001 to 2004	Computer Aided Engineer Perform numerical simulation of powertrain units on vehicles including Bugatti Veyron, Chrysler ME 4-12 and Ford GT	Ricardo

Education

1993 – 1999	MEng Aerospace Engineering Mark : 110 / 110 cum Laude Thesis : “A Subsonic Wind Tunnel Simulator”	Universita' degli Studi di Palermo
-------------	--	------------------------------------

- 4th July 1974
- 12 Chemin de Gramont, Villa 2, Colomiers, 31770, France
- +33 7 49 49 09 22
- EmanueleCannizzaro.github.io
- Emanuele.Cannizzaro@gmail.com
- Italian, British

Programming Skills –

python	● ● ● ● ●
javascript, appscript	● ● ● ● ●
bash	● ● ● ● ●
VBA, appsheet	● ● ● ● ●
C/C++	● ● ● ● ●
SQL	● ● ● ● ●

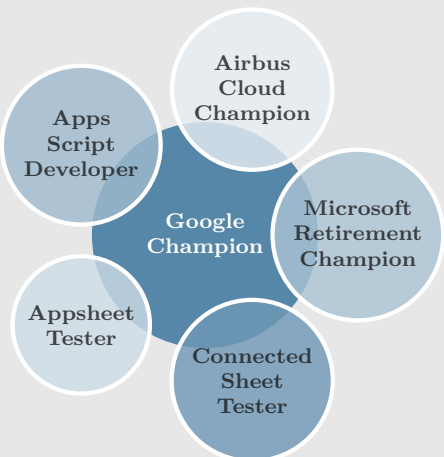
CI/CD Tools –

git	● ● ● ● ●
github	● ● ● ● ●
jenkins	● ● ● ● ●

Packages –

Pandas	GeoPandas	Dask
Bokeh	Panel	HoloViews
Flask	SKLearn	Tensorflow
Keras		

Roles –



August 7, 2022

Languages



English



Italian



Spanish



French



Deliverables

Dashboards

A351 NCF Struct-Assy Fatigue
A350 NCF Struct-Assy Team
Analysis Tools
Double Torque Tightening

Repositories

IFL
DSD
Airframe Certification Summary
Airbus Google Workspace Wrapper

Contributions

Aero2Stress
Airframe Digital Twin Platform and Services
Quasar and Digital Stress Dossier
3DExperience One Platform
Airframe Fatigue Twin
Time-Series Analytics Studio

Events

Hackathons

Product Safety Hackathon
ADS-B Hackathon
MS Decommissioning Hackathon 1 and 2
AppSheet Workshop with Google

Conferences

Pycon UK 2018
Future.AI Hosted by Altair
Several PyData (Virtual Event)
Several PyData Bristol Meetup
Akademy 2019 - Milan, Italy

Trainings

Data Analyst for Airbus	Udacity Nanodegree
Advanced Data Analyst and Foundry experts	Skywise
App Script Advanced Modules	Google
Google Cloud Functions Fundamentals	
Getting Started With Application Development on Google Cloud	
Google Cloud Platform Fundamentals Core Infrastructure	
Essential Google Cloud Infrastructure Foundation	
AWS Developer Getting Started	AWS

August 7, 2022