





I am an aerospace engineer with working experience in research projects as well as in the private sector.



Education, research & work experience in:

- Romania
- Canada
- Denmark
- Germany

EXPERIENCE AND EDUCATION



4/2020 Aero. Eng. Specialist (Altran)

4/2019 PSM I Certificate

4/2018 Python trainer (Altran) 1/2018 Python trainer (Airbus)

4/2017 Start Big Data Analytics proj. 4/2017 Aero. Eng. Adv. Cons. (Altran)

10/2016 Python trainer (Altran)

5/2016 Aero. Eng. Consultant (Altran)

5/2016 Moved to Germany

1/2016 Bolund PIV experiment

8/2015 Wind Eng. Researcher

6/2015 25th CANCAM Conference

5/2015 CSWA Certificate

5/2015 1000 Islands Conference '15

5/2015 PEIWEE'15 Campaign

4/2015 Hydro One project

5/2014 Global Cities Summit

1/2014 Master's Degree (UWO)

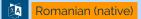
5/2013 1000 Islands Conference '13

SKILLS AND TECHNOLOGIES

Primarily, the projects I work on are in the Big Data Analytics and Machine Learning fields, applied to aerospace topics.

I'm also the Python focal point in my organization.

LANGUAGES

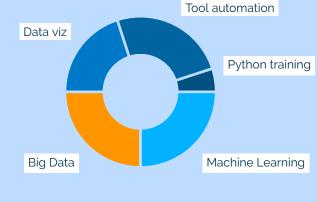


English (c2)

German (c1)

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Spanish (a2)



Python

Matlab/Simulink

C/C++

VBA/VBScript

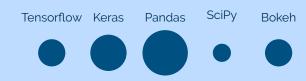
JavaScript

LaTex

Currently, I develop Big Data Analytics pipelines, mainly in Python.

Secondary projects include flight simulation software development and general system modelling.

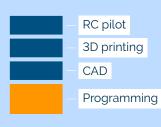
I am using git and PyCharm regularly for my dev projects. For ML projects I use a variety of Python packages:



OTHER ACTIVITIES

In my own time:

- I fly RC airplanes, helis and drones
- I try to implement ML algorithms for photo and video, for use on UAVs
- I design and 3d print replacement parts



5/2011 Teaching & Research Assistant

5/2011 Started Master studies
5/2011 Moved to Canada

8/2010 Aero. Eng. Consultant (AKKA) 7/2010 Bachelor's Degree (UPB)

2010