BORIN
KADUK

Contact

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A system is always more than the sum of its parts.

Languages

Native:
  Catalan, Spanish
2nd language:
  English – C1 (IELTS)
3rd language:
  French – B2 (EFPC)

Work experience

ATM Business Analyst June 2021 – Ongoing
EUROCONTROL

• Management of EUROCONTROL's post-operational data warehouse.

• Airport Corner business requirements definition and user acceptance testing: Curfew hours and post operational feedback.

• Acting Product Owner in OSSAI projects: Seq 13 - NOTAM AI, Seq 10 - OPLOG and Seq 11- Airport Slots.

• Cloud migration support on STATFOR's forecasting methods.

• Creation of MLAT solution for Sherlock Application.

RF Analyst June 2020 – June 2021
EUROCONTROL

• Data analysis activities on 1030/1090 MHz bands.

• EMIT testing and monitoring of over-interrogated transponders.

• Opensource: mantaining and developing pyModeS decoders.

• Analysis on dedicated monitoring flights.

• Report on ADS-B In performance.

CAMO engineer Internship June 2019 – September 2019
CENTERVOL

• Continuing Airworthiness management on CENTERVOL's helicopter fleet (SAR + privately owned).

• Issuance of EASA Form 15a and coordination task with helicopter mechanics.

• Management of aircraft parts inventory and coordination with suppliers.

Handling agent March 2018 – May 2019
LESMA Handling

• Baggage check-in and passenger check-in for Ryanair's passengers.

• Assisting airline operations with cancellations and delays.

Digital skills

Programming:

Python	Git
Linux bash	SQL
Matlab	SSH Putty
Javascript	HTML
C++	

Agile:

JIRA	Confluence
Miro	Trello
Odoo	Office stack

Driving license

B1

Interests

Yoga
Flying
Chess (1700 ELO)
Meditation

Education

MSc Management September 2022 – Ongoing

Solvay Business School

Aerospace systems engineer September 2016 – February 2020

Major in air navigation

Universitat Politecnica de Catalunya

Training and projects

FEAST exams January – May 2023

• Passed all FEAST exams at Belgian ANSP.

• Passed FEAST II group interviews at MUAC. Rejected on the last interview.

EUROCONTROL Learning Zone

• EMIT Workshop

• IFPS and flight planning E-learning

• Performance Based Navigation Awareness

• NMD Introduction training

Aeronautical projects

• Design of an airport in Aran Valley (ICAO Annex 14). – 144 pages

• Analysis and optimisation of radio spectrum pollution on 1030/1090MHz bands associated with mode S transponders. – 91 pages

• Analysis of CDOs impact in Palma de Mallorca airport. – 12 pages

• ETOPS Flight Planning. – 25 pages

• ATERIX Decoder. – 19 pages

• Assessment of cruise limitations in mountainous areas. – 29 pages

Flying

• 2022 PPL license in Belgium – 30 Flight hours. Taking part in EUROCONTROL Wings club activities.

• 2022 ULM license in Spain – 33 Flight hours.