



Abigail Dah

26 years old

HARD SKILLS

- Computing skills: R , Python, fortran 90, Matlab and bases in HTML3 and CSS5
- Software skills: fluent, Telemac, HEC-RAS, ArcGis, QGIS

SOFT SKILLS

- Rigorous and hardworking
- Goal oriented
- Autonomy and adaptability

HOBBIES, ACTIVITIES

- Travel
- Outdoor activities: hiking, climbing, kayaking
- Music : guitar, singing

LANGUAGES

- French: native speaker
- English: C2
- Spanish: B2

CONTACT

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ACADEMIC BACKGROUND

ENSEEIH- GRADUATE ENGINEERING SCHOOL IN TOULOUSE (FRANCE)

2018 to 2022

- Fluid Mechanics, Energy and Environment department
- Double degree with the National Polytechnic Institute (Toulouse) in Ocean, Atmosphere and Climate sciences
- Exchange program with the University of Buenos Aires (Argentina) in 2019

SALIEGE PREPARATORY CLASSES IN TOULOUSE (FRANCE)

2016 to 2018

2-year undergraduate program leading to a nationwide competitive exam for entrance into a French "Grande Ecole"(focus on maths, physics and chemistry)

EMPLOYMENT HISTORY

CLIMATA DATA AND MAPPING RESEARCH ASSISTANT - PCIC (Victoria, Canada)

November 2022 to present day

- Production of mosaics of monthly climatologies for Canada from different existing heterogeneous datasets and using different methods of spatial and temporal interpolation, downscaling techniques and statistical analysis of these datasets.

INTERNSHIP AT UNIVERSITY OF VICTORIA (Canada)

April 2022 to September 2022)

- Coastal convection modeling with a Stochastic multcloud model
- Use of a 2D dynamical model for a coastal domain with a solar diurnal cycle of heating to simulate the land and sea breeze phenomena
- Analysis of the features of these breezes and of the parameters that modulate it

SUMMER INTERNSHIP AT UNIVERSITY COLLEGE DUBLIN (Dublin, Ireland)

May 2021 to July 2021

- Wind Power forecasting for a windfarm in Ireland
- Use of different signal decomposition algorithms and numerical forecast models and comparison of these ones using different performance evaluation tools.

INTERNSHIP AS A TERRITORIAL DEVELOPMENT OFFICER IN SOLAR ENERGY - VALECO (Toulouse, France)

September 2020 to February 2021

- Solar prospection on different French territories
- Spotting of fields suitable for solar power plants projects using ArcGis software
- Yield calculations and studies of different paramaters for feasibility studies
- Meetings with French representatives to discuss the different projects