

Christopher Nankervis

Sole Trader / Project Manager at Weather Logistics UK

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Summary

Looking for a research associate / research assistant post in the Nottingham area to start immediately.

Previous experience: 4 years studying Meteorology PhD at the University of Edinburgh. Tropical clouds and the radiation balance using data from Earth-observation system satellites.

Computing skills (UNIX, LaTeX, Word, Excel, html, IDL programming language), numerical skills (analysing large data-sets). 4 years experience with IDL. Familiar with hdf-4/hdf-5/netcdf and NASA A-train data-sets, ECMWF, NOAA data.

Teaching experience: Meteorology, Oceanography, Physics for biologists.

Participant of entrepreneur courses. Strong interest in weather forecasting, particularly long-range forecasting.

Specialties

forecasting, analytical, research assistant / associate, physical science, numerical, problem solver, programming, creative, organised, report writing

Experience

Sole Trader / Project Manager at Weather Logistics UK

August 2010 - Present (11 months)

Software was developed by programming in GNU Data Language to develop seasonal weather forecast outputs from inputs of NOAA satellite data and jetstream climatology (monthly variability in flow and intensity). Predictions are made on a regional scale, by perturbing a climate average. The jet-stream airstream ensemble is diverted in the model algorithm by a high pressure “blocking” pattern. The end product consists of information on the Atlantic airstreams, storm tracking, precipitation and heating or cooling degree days (HDD / CDD) derivative from the models outputs. The company goal is to diversify into seasonal flu forecasts as a derivative of the temperature and absolute humidity predictions.

Skills: managing project work, accounting, maintaining a customer database, email and online marketing / advertising, interpersonal and administration skills.

Demonstrator / Tutor / Postgraduate Researcher at University of Edinburgh

September 2005 - Present (5 years 10 months)

Research skills: Report writing, presentations in internal conferences, numerical, analytical, large

data-sets, hdf-4/hdf-5/netcdf, ECMWF and NASA A-train Earth Observation System satellite data analysis, physical science degree

Consultant Forecasting Trials at WeatherNet

November 2009 - February 2010 (4 months)

Writing weather forecasting scripts for Ireland. Short to long-range weather outlooks.

Student helper for RMetS at The Royal Meteorological Society

September 2006 - September 2007 (1 year 1 month)

Creating a webpage for the student RMetS conference, held at Heriot Watt University in 2007.

Attending board meetings with organising committee.

Education

The University of Edinburgh

Part time PhD Researcher, Meteorology, 2005 - 2012

Activities and Societies: Associate Fellow of the RMetS (2006-2008, 2010-2011)

Member of the Weather Club (2011)

Squash, Skiing, Running, Cycling, Climbing

University of Reading

BSc (Hons) Meteorology (2:1), Atmospheric Physics & Dynamics, Remote Sensing, Oceanography, Climate Science, Geology, Mathematics, 2002 - 2005

Activities and Societies: University of Reading Mountaineering Club

The University of Edinburgh

BSc (Ord) Chemical Sciences, Chemistry, Meteorology, Oceanography, Geology, 2000 - 2002

Activities and Societies: University of Edinburgh Mountaineering Club

Bilborough College

A-levels, ABB (Chemistry, Mathematics, Biology), 1998 - 2000

Activities and Societies: West-side story musical (pianist)

Royal College of Music

Grade 8 pianist, Grade 4 violin, Grade 5 theory of music

Honors and Awards

Runner-up in poster presentation for GeoSciences (2009)

Interests

Weather forecasting, skiing, climbing, running, cycling, squash
