
Christopher Nankervis

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Crew Building,

The University of Edinburgh,

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Edinburgh,

EH9 3JF

Date of birth: xx/xx/xxxx

PhD researcher with strong physical basis in meteorology, looking for posts in the UK as research assistant / associate / environmental consultancy / weather forecasting / meteorology / atmospheric science. Based in Nottingham. Numerical, computer programming and research skills

Sole Trader / Project Manager

Weather Logistics UK, Nottingham, United Kingdom

Aug 2010 - Present

Software was developed by programming in GNU Data Language to develop seasonal weather forecast outputs from inputs of NOAA satellite data and jet-stream climatology (monthly variability in flow and intensity). Predictions are made on a regional scale, by perturbing a climate average. The jet-stream air-stream ensemble is diverted in the model algorithm by a high pressure “blocking” pattern. The end product consists of information on the Atlantic air-streams, 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.

My marketing consists of a “Strawberry FayreCast” scheme, banner ads and Adobe Flash animations to promote confidence in seasonal weather forecasts – a buzz marketing scheme to promote forecasting confidence through social networks. Currently market research is being carried out by online surveys to identify a target market and to highlight the product weaknesses. Adverts were targeted at the market on Bing, Google, LinkedIn and Facebook. My business is registered as “Weather Logistics UK”, based in Nottingham, UK. Skills involve: managing project work, accounting, maintaining a customer database, email and online marketing / advertising, interpersonal and administration skills.

My website can be found at: WeatherLogistics.com

EDUCATION :

PhD Research Student, University of Edinburgh,

School of GeoSciences,

Crew Building, Edinburgh, EH9 3JF

Sept 2005 - Present

- Analysis of Earth Observation System data from the NASA A-train. Reading large datasets (Terabytes). Numerical skills in applied mathematics, physics. Independent researcher / organised / self-motivated / creative
- Computing skills: UNIX, LaTeX, Microsoft Word, Excel, Power-point [4 years experience with Interactive Data Language (IDL)], Linux and Windows
- Experience with hdf-4/hdf-5 (NASA) and netcdf data (ECMWF)
- Chair of Earth Observation session at Student RMetS conference

- Demonstrator in Meteorology and Oceanography / tutoring and demonstrating skills / participant of entrepreneur courses/ research assistant skills

Department of Meteorology, University of Reading,

Earley Gate, PO Box 243, Reading, RG6 6BB

Oct 2002 - July 2005

- Atmospheric physics, ocean and atmosphere dynamics, and climate science
- Application of physics / problem solving / practical skills / team-work / fieldwork
- Research skills: Dissertation (3 months) studying the effect of aerosols on the Mediterranean climate

B.Sc (Hons) Meteorology (2:1) [2005]

School of Chemistry, The University of Edinburgh,

King's Building's, Edinburgh, EH9 3JF

Oct 2000 - June 2002

Direct Entrant into 2nd Year

- Chemistry [subsidiary studies in Meteorology/Oceanography/Geology]
- Practical skills / team-work skills / report writing skills

B.Sc (Ord) Chemical Sciences [2005]

Bilborough College, Nottingham, NG8 4DQ

Sept 1998 - Jun 2000

3 A-Levels: Chemistry (A); Mathematics (B); Biology (B)

Music / Awards :

- Grade 5 theory of music (1996), Grade 8 piano, Grade 4 violin (1998) / “West-side story” pianist, Bilborough College (1999) / Senior National Mathematics Contest (Silver award, 1999)

Work Experience:

- **Demonstrator (University of Edinburgh)**

Meteorology Practicals:

Sept 2006 - November 2007 (Tephigram charts analysis / Observations / Field-work / Practical)

Oceanography Practicals / Marker:

Feb 2009 - March 2009 (Biological, chemical and physical)

Marker of Oceanography coursework

- **Tutor (University of Edinburgh)**

Physics course for biologists (2007 / 2008):

Teaching small classes / explaining physics to students

- **Meteorology / Forecasting**

Publishing of latest seasonal forecasts and related literature on the internet. Analysing large-scale developments in the climate system, jet stream and blocking systems to provide long-range forecasts by holistic methods. Experience of weather forecasting as a hobbyist / trial consultant forecasting producing short to medium-range weather for Ireland (WeatherNet). Experience at analysing outputs from numerical weather prediction (NWP) models, interpreting synoptic charts and satellite imagery. Publishing

of a short seasonal forecast guide highlighting key predictors for successful forecasting. Providing free consultations by email to customers requesting long-range forecasts for events. Recently provided assistance to an applied physics graduate employed at the Pakistan Meteorology Department developing seasonal forecasts and research.

External Conferences / Summer Schools :

- NERC NCAS Summer School for Atmospheric Scientists, 2006
- RMetS Student Assembly, 2006, 2007 (national meeting) and 2008 (Speaker / Poster / Chair of Earth Observation)
- American Geophysical Union, 2007 (Poster)
- National Centre for Earth Observations (NCEO), Leicester, UK (Sept 2010)

Activities/Interests :

Squash, skiing, cycling, climbing, running, weather forecasting, research assistant / research associate