

# Alanna Power

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## EDUCATION:

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<u>University of Reading:</u>	MSc. Atmosphere, Ocean and Climate	(2019-2020)
<u>Current Grade:</u>	74% Average: Distinction	
<u>Relevant Modules:</u>	Dissertation Project, Fluid Dynamics of the Atmosphere and Oceans, Introduction to Numerical Modelling, Numerical Modelling of the Atmosphere and Oceans.	
<u>University College Dublin:</u>	BSc. Applied and Computational Mathematics	(2015-2019)
<u>Grade:</u>	GPA 3.56: Second Class Honours Degree, Grade 1.	
<u>Relevant Modules:</u>	Research Project, Meteorology & Climate Dynamics, Environmental Fluids, Numerical Algorithms, Advanced Topics in Computational Science.	
<u>Secondary School:</u>	Colaiste Muire, College Rd., Ennis, Co. Clare, Éire.	(2010-2015)

## PROFESSIONAL EXPERIENCE:

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Retail Assistant: Donnellan's Centra: (May-Sept 2019)

Responsible for ensuring correct till count and stock taking.  
Working under pressure as part of a team of four.  
Addressing customer queries.

Volunteer Observer: Shannon Airport Weather Station: (Jan 2019 & Aug 2016)

Shadowing the on duty Meteorologist.  
Observing the write up of METAR and TAF reports.

Supervisor: Alpha Language School: (June-July 2018)

Involved in the management and care of foreign students age 10 to 17 learning English in a residential setting.  
Lived onsite and was first point of contact for Students to ensure their wellbeing and safety.  
Worked in a team of 5 to plan, prepare, and deliver extra-curricular activities.

Internship: Huawei “Seeds For The Future” Program:

(August 2017)

Researching and presenting findings on new technologies to superiors.  
Working and communicating as part of a team.  
Learning Mandarin Chinese and experiencing a new culture.

Supervisor/Steward: The Willie Clancy Traditional Music Summer School:

(June 2017)

Co-ordinating student registration and recording fee payment.  
Supervising and managing children from age 7 to 16.  
Assisting in co-ordination of activities and events.

Volunteer Special Needs Assistant: Clare Crusaders Clinic:

(July-Aug 2015 & 2016)

Managing and caring for disabled children participating in the Summer Camps.  
Preparing camp activities and ensuring the children’s safety.  
Addressing queries from parents.

**Skills:**

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Competent in Python and MATLAB.  
Familiar with Linux/Unix and R.  
Proficient in Word, Excel, and LaTeX.  
Fluent in English and Irish, advanced level of French, and basic ability in Spanish and Mandarin.

**Achievements/Interests:**

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Keenly interested in extreme weather events and NWP. I conducted research into the accuracy of storm predictions, resulting in the report: Analysing the Effect of Model Resolution on Forecasting Storm Darwin. I will continue research in the area of storm forecasting next year under the supervision of Professor Robert Plant, whilst undertaking the PhD project entitled “Improving convective storm simulations through scale-adaptive and flow-adaptive sub-grid methods”.

Committee Member of UCD Physics Society (2017 to 2019)

Awarded Certificate of Achievement from The Kenny Business School, University Limerick.

Hold distinctions in Grades 1-5 of ABRSM Music Theory.

Co-organiser of annual community fundraiser for Clare Crusaders Clinic (2011 to date).