

Curriculum Vitae-Aneirin Baker

Personal Details

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Education and Qualifications

I am currently in my 4th year studying Mathematical Physics at Edinburgh University .I achieved 4 A Levels in Maths, Further Maths, Physics and Chemistry (with grades A* ,A ,A* ,A respectively). I gained 10 GCSEs (6 A* and 4As) including Maths and English.
I have a NPLQ (National Pool Life Guarding Qualification) which included training with First Aid.

Work Experience

In the summer of 2016 I took a summer placement at the university of Edinburgh working with computational particle physics.

I worked for AQA in the summer 2015 processing exam scripts.

I worked for Trafford Leisure Trust in the summer of 2015 as a lifeguard.

I worked as a floor assistant at Antz in Your Pantz (a day care centre for young children)where I helped organise parties with the other assistants, and monitored the children whilst they played on the equipment.

My work experience was with special needs children as my placement was at Pictor School in Timperley and afterwards I helped in the hydrotherapy classes after school as a volunteer.

Currently I hold a temporary job delivering leaflets for my local hairdresser.

I volunteered at the Museum of Science and Industry (MOSI).

Skills (non-technical)

Having volunteered at MOSI (Museum of Science and Industry) in manchester I gained a lot of experience in quickly and effectively dealing with queries and directing people to where they needed to be. Also I helped explain some of the exhibits to the people walking round this gave me more experience with explaining these concepts to the public.

Whilst in 6th form I was an active member of Sci Soc where I gave presentations on areas of science which intrigued me. I have tutored students in GCSE maths and A-level Physics where I learnt how to effectively communicate concepts and ideas to other people.

Volunteering at Greenbelt Arts, Faith and Justice Festival gave me insight into dealing with large numbers of children as I volunteered in the children's day care tent where I had to help organise the groups in their daily activities.

Working with special needs children in hydrotherapy classes and in classrooms showed that I can work well under pressure and adapt to new situations very quickly as recently I organised the

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transport down to a tournament for the local quidditch team whom I play for regularly. This required a large amount of concise and effective communication between me and the other members of the team.

Skills (Technical)

In my degree program I have worked with advanced mathematics and physics ranging from Variational Calculus and Group/representation theory to working with General relativity and Relativistic Electrodynamics (Classical Field theory).

I know how to program in Java, Python, Matlab and have worked with Haskell, Maple and Ruby before. I have written large simulations in both Java and Matlab in my courses at university and outside through student research groups.

I am familiar with the Linux based systems as I worked with them in both my university courses and outside.

Interests and Hobbies

I am a keen sportsman-I have been a competitive swimmer at national level for 10 years and so have had to train regularly for competitions, and I play and coach quidditch with the local community team and I enjoy walking, mountain climbing, rock climbing and triathlon.

I have a keen interest in creating computer programmes, which I have explored outside my degree which lead me to find new ways to look at problems and find innovative ways of solving them.

I play piano and saxophone and have achieved grade 5 and 6 in them respectively.