# James Campbell

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### PERSONAL PROFILE/OBJECTIVE

I am a mature Undergraduate seeking a year long industrial placement in Mathematics and/or Computing. I have a very logical mind and have demonstrated my ability to understand complex ideas quickly whilst doing research at my University this summer.

#### Work Experience

Current Working with Vince

SUMMER 2014 Building Game Theoretical Software in a Research Environment

Contributing to the open source mathematics package: Sage. Responsible for the implementation of a variety of Game Theoretic algorithms that will in the near future be included in releases of Sage. Some example of the algorithms that will be implemented: the Gale-Shapley Algorithm the Shapley value calculation and the LRS Algorithm. This developed teamwork

and communication skills by providing real experience of a research environment.

SEPT 2013 Group Skills Instructor at 1<sup>st</sup> Helsby Scouts

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asdfkljsi ihfieh sdfasd sdfk sdfi

 $\rm Jul\ 2010$  - Young Leader at 1st Helsby Scouts

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m Oct}\ 2011$  Developed communication skills whilst helping to supervise children aged 6 - 10 years. Regu-

larly assigned to lead small group activities which improved organisation and leadership.

#### EDUCATION

Current BSC MATHEMATICS, STATISTICS AND OPERATIONAL RESEARCH

CARDIFF UNIVERSITY, Department of Mathematics

Expected MAY 2017

SEPT 2011 - St. Nicholas Catholic High School XI <sup>th</sup> Form College

JUNE 2013 A-Levels: Maths - A\*, Further Maths - A\*, Physics - A

AS-Levels: Biology - B, Chemistry - B

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m SEPT}$  2006 - St. Nicholas Catholic High School

JUNE 2011 GCSE's: Maths - A\*, Additional Maths - A\*, Physics - A\*, English Language -

A\*, English Literature - A\*, Biology - A\*, Chemistry - A\*, French - A, History -

A, RE - A, Art - B.

#### SCHOLARSHIPS AND CERTIFICATES

SEPT. 2013 Department of Mathematics Scholarship (£1,000)

## COMPUTER SKILLS??? DO I NEED THIS..

Basic Knowledge: Intermediate Knowledge:

## ACHEIVMENTS AND INTERESTS

# FIRST YEAR Grades

0.440		
Exam	Credit	%
Algebra I	10	62
Analysis I	10	78
Dynamical Systems and Chaos	10	80
Calculus	10	71
Probability Theory	10	81
Algebra II	10	
Analysis II	10	
Elementry Differential Equations	10	
Statistical Inference	10	
Elementry Number Theory	10	
Computing for Mathematics	20	

Average