

# JAMES CAMPBELL

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## PERSONAL PROFILE/OBJECTIVE

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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

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CURRENT SUMMER 2014	<b>Building Game Theoretical Software in a Research Environment</b> Worked with lecturer Dr. Vince Knight to contribute to the open source mathematics package: Sage. Responsible for the implementation of a variety of Game Theoretic algorithms that will be included in a release of Sage in the near future. Areas of Game Theory that will be implemented include: Normal Form Games, Co-operative Games and Matching Games. This developed teamwork and communication skills by providing real experience of a research environment.
SEPT 2013	<b>Group Skills Instructor at 1<sup>st</sup> Helsby Scouts</b> Blah balah blah ablaj asdfasdf asdfkljsi ihfieh sdfasd sdfk sdfiBlah balah blah ablaj asdfasdf asdfkljsi ihfieh sdfasd sdfk sdfi
JUL 2010 - OCT 2011	<b>Young Leader at 1<sup>st</sup> Helsby Scouts</b> Developed communication skills whilst helping to supervise children aged 6 - 10 years. Regularly assigned to lead small group activities which improved organisation and leadership.

## EDUCATION

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CURRENT	<b>BSC MATHEMATICS, STATISTICS AND OPERATIONAL RESEARCH</b> CARDIFF UNIVERSITY, Department of Mathematics Expected MAY 2017
SEPT 2011 - JUNE 2013	<b>St. Nicholas Catholic High School XI<sup>th</sup> Form College</b> A-Levels: Maths - A*, Further Maths - A*, Physics - A AS-Levels: Biology - B, Chemistry - B
SEPT 2006 - JUNE 2011	<b>St. Nicholas Catholic High School</b> 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

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

## PROGRAMMING SKILLS

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A thorough working knowledge of Python and Git. Both have been used to develop code which contributed to a peer reviewed open source project.

## ACHEIVMENTS AND INTERESTS

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### FIRST YEAR

#### Grades

EXAM	CREDIT	%
Analysis I	10	78
Dynamical Systems and Chaos	10	80
Calculus	10	71
Algebra I	10	62
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		