JAMES CAMPBELL

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github.com/theref

WORK AND EXPERIENCE

SEPT. 2015 - JUL. 2016	**Pricing Analyst at Admiral Group PLC** Worked at the UK's leading car insurance provider withing the Pricing department. This involved a lot of complex analysis work using large data sets to provide better understanding in business decisions.
SUMMER 2015	**Research Internship, Cardiff University School of Mathematics** Employed for the Summer to lead a project using code I had previously written to asses the affect of selfish behaviour by hospitals on the expected waiting time for evergency vehicles `https://github.com/theref/sage-game-theory`
SUMMER 2014	**Research Internship, Cardiff University School of Mathematics** Employed for the Summer to lead a project developing Game Theoretic algorithms within the open source mathematics package, Sage. Areas of Game Theory included: Normal Form Games, Co-operative Games and Matching Games and the code produced is available at `https://github.com/theref/sage-game-theory`
SEPT. 2010 - SEPT. 2013	**Referee with the Rugby Football Union** I began refereeing rugby union at the age of 15. Within 3 years, I had been promoted from level 15 to level 6 - the highest regional level and only one below the point where I could referee national level games. The experience of taking charge of 30 men (often twice my age) in an aggressive and physical sport has given me confidence in my ability to remain calm in stressful situations.
SEPT. 2009 - CURRENT	**Leader at 1st Helsby Scouts** Developed communication skills whilst helping to supervise and teach children aged 6 - 10 years. I was regularly assigned to lead small group activities which improved my organisation and leadership skills.

EDUCATION

CURRENT	**BSc Mathematics and its Applications** Cardiff University, Department of Mathematics Expected May 2017
SEPT. 2011 - JUNE. 2013	**St. Nicholas Catholic High School** A-Levels: Maths - A*, Further Maths - A, Physics - A AS-Levels: Biology - B, Chemistry - B
SEPT. 2006 - JUNE. 2011	**St. Nicholas Catholic High School** GCSEs: 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 PRIZES

SEPT. 2013	Department of Mathematics Scholarship - awarded to the top 10 students who achieved the highest 'A' level grades of that year's intake.
DEC. 2013	Department of Mathematics Prize - awarded for the highest mark in Computing for Mathematics module.
JAN. 2014	Django Weekend Conference - On achieving the highest mark for an individual research project, I was invited to present my work at the UK's first ever Django conference: `https://djangoweekend.org/event/pythons-ladders/`

Programming Skills

I am proficient in most aspects of computing:

- Operating Systems: Windows, MacOS, Linux (server and client);

- General software: Excel, Word Processing (LATEX, Microsoft Word, Libre office), Presentation (Beamer, Microsoft Powerpoint);

- Programming: SAS, Python, Django, Ruby, Git, Trac and well evidenced ability to gain proficiency in new languages quickly.

For an overview of my programming portfolio please see my github page: `https://github.com/theref`.

Achievments and Interests

I have been involved in Scouting from the age of 8, playing a leading role in the organisation both as member and a leader. Recently, I was appointed a group-wide, adult leader position which will allow me to continue the work I have been doing whenever I am home from University.

I have played Rugby Union from the age of 5, reaching county standard and playing for the Welsh Exiles before injury forced my retirement. This gave me a lot of experience of working within a team, both as a captain and a member.

At University, I took up the sport of ultimate frisbee. I was elected to serve as treasurer for a year and have represented the univeristy on several occasions.

In my spare time I relax by playing the piano, having achieved Grade 5 some years ago. I hold a full, clean UK driving licence.

Referees

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