

## Robert S James

### PRESENT ADDRESS

Flat 2, 61 Westbury Street  
Swansea, SA1 4JN

### PERMANENT ADDRESS

11 Nailers Close  
Stoke Heath  
Bromsgrove, B60 3PL

### JOB OBJECTIVE

A summer research position that will use & improve upon my Physics and Computational abilities whilst designing a robust framework allowing future collaborators to integrate their models and features insitue.

### EDUCATION

Swansea University, Swansea, UK  
Masters of Physics, Physics, July 2015 (Predicted)

South Bromsgrove High School, UK  
A Level : Math (B), Accountancy (B), Chemistry (D), Physics (D), July 2011

### EXPERIENCE

<b>Research Assistant</b>	Swansea University	July 2013 - August 2013
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Optimising Holographic Image Reconstruction using CUDA/C to optimise FFT of large data sets.

<b>Research Assistant</b>	Swansea University	July 2014 - August 2014
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Designing and building a functional MRI pulse simulation using a variety of models.

### COMPUTER SKILLS

Significant knowledge of Linux Operating Systems (Fedora, Ubuntu, Debian Squeeze/Wheezy), consumer grade GPU hardware.

Proficient programming skills in C, CUDA, Python, PHP and JQuery.

### HONORS AND AWARDS

Grade 5 (ABRSM Distinction) Clarinet  
Blue Targe (5<sup>th</sup> Kup) Tae Kwon Do  
Student of the Year (South Bromsgrove High School 2011)

### EXTRACURRICULAR ACTIVITIES

Administrator for the Swansea University Computer Society  
President of the Swansea University Computer Society 2013  
Secretary of the Swansea University Computer Society 2012  
House Captain (Vernon House) South Bromsgrove High School 2011