

Will Webberley

Curriculum Vitae

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PhD Thesis

Title *Inferring Interestingness in Online Social Networks*
Supervisors Stuart M Allen & Roger M Whitaker
Description Exploring information propagation in online social networks. In particular, the use of machine learning to infer interesting Tweets in Twitter.

Education

2010–Present **PhD Computer Science**, *Cardiff University*, UK.
Distributed and Scientific Computing
2007–2010 **BSc Computer Science**, *Cardiff University*, UK.
First Class Honours
2006–2007 **A-Levels**, *King's School, Worcester*, UK.
To A2-level: Mathematics, Biology, Chemistry
To AS-level: Physics

Publications

Research

Sept. 2013 **Inferring the Interesting Tweets in Your Network**,
Will Webberley, Stuart M Allen, Roger M Whitaker,
in Workshop on Analyzing Social Media for the Benefit of Society (SOCIETY2.0),
3rd International Conference on Social Computing and its Applications (SCA).
At: Karlsruhe, Germany / Reviewed: Blind peer-reviewed / Publisher: IEEE
Sept. 2011 **Retweeting: A Study of Message-Forwarding in Twitter**,
Will Webberley, Stuart M Allen, Roger M Whitaker,
in Workshop on Mobile and Online Social Networks (MOSN'11), 5th International
Conference on Network and System Security (NSS).
At: Milan, Italy / Reviewed: Double-blind peer-reviewed / Publisher: IEEE

Miscellaneous

Jul. 2013 **Direct-to-S3 File Uploads in Python**,
Will Webberley,
Heroku.
An article written for Heroku's Dev Center to provide guidance on performing asynchronous uploads to Amazon's S3 platform using JavaScript and Python as a signing server.

Employment

2010–Present **Tutor**, *Cardiff University*, UK.

Practical lab and tutorial sessions for undergraduate and masters students.

Topics include: Python, Java, computer architecture, assembly language, mobile communications and meta heuristics, algorithms and data structures

2010 **Abercrombie & Fitch**, *Hollister Impact*.

Responsible for organising the shop floor, receiving and organising shipments, keeping track of stock and replenishment. Skills gained included communication across teams in a multi-discipline environment, precise organisation and being accurate with stock.

2009 **Pulse Nightclub**, *Bar staff*.

Bar work as part of a vibrant and outgoing team. Direct contact with customers helped improve communication and teamwork skills, confidence, quick-thinking in a very fast-paced environment and over prolonged lengths of time. Responsible also for the supervision of new members of staff.

Awards

2013 ○ Department award for best research presentation

○ Department award for best research poster

○ Student award for best research poster

2012 ○ Awarded £850 funding to host an interdisciplinary hackathon between computer- and social-scientists

○ Department award for best research presentation

2011 ○ Student award for best research poster

Skillset

Technical

I am experienced and enjoy working with the following languages and techniques.

Proficient Python, JAVA, C / C++, BASH, SQL, L^AT_EX

Intermediate Perl, Ruby

Technologies

I have taken part in projects using the following technologies and platforms.

Proficient Flask, MongoDB, CouchDB

Intermediate Django, node.js

Teaching Experience

As part of my PhD, I've taught in the School of Computer Science and Informatics at Cardiff University. Teaching enabled me to gain experiences and skills in speaking and instructing in front of large groups of people, providing a positive atmosphere for others to work in and in giving constructive feedback.

Assessments have allowed me to gain insights into how other people understand how different

processes work, and how people can sometimes understand things slightly differently. Areas I've taught in include Java, Python, Assembly Language, system design (UML, etc.), project management, mobile communications, business processes, algorithmic programming, important professional skills, and so on. I've also had an opportunity to supervise several year-long projects carried out by teams of around 6-10 people, enabling me to gain more skills in project management, and more well-rounded experiences all round.

Interests

- Piano
- Cooking
- Running
- Chess
- Dancing