

Will Webberley

Curriculum Vitae

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Education

- 2010–Present **PhD Computer Science**, *Cardiff University*, "Inferring Interestingness in Online Social Networks".
Exploring information propagation in online social networks. In particular, the use of machine learning to infer interesting Tweets in Twitter.
- 2007–2010 **BSc Computer Science**, *Cardiff University*.
First Class Honours
- 2006–2007 **A-Levels**, *King's School, Worcester*.
To A2-level: Mathematics, Biology, Chemistry
To AS-level: Physics

Peer-Reviewed Publications

- 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

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.

Community

Articles ○ Direct-to-S3 File Uploads in Python, *Heroku* 2013

Talks *Talks at Cardiff School of Computer Science & Informatics:*

- Finishing a PhD in Under 4 Years, 2013
- The Flask Microframework, 2013
- Node.js, 2013
- Introduction to \LaTeX , 2012
- Developing Google Chrome Extensions, 2011

Events ○ **Organised**

- DigiSocial Hackathon, 2012
- FTS seminar series, *School of Computer Science & Informatics* 2010-2013

○ **Taken part in**

- Cardiff Open Sauce Hackathon, 2013

Projects *Examples of open-source projects completed in my spare time (more available on request):*

- WekaPy - *Python wrapper for the WEKA machine-learning toolkit*
- Gower Tides - *Android app for tidal, surf, and weather reports for the Gower*

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, BASH, SQL, \LaTeX , HTML, JavaScript, PHP

Intermediate Perl, Ruby, C, C++

Platforms and Technologies

I am also used to working with the following technologies, systems, and platforms.

Proficient Git, Android, GNU/Linux, UNIX, Flask, NoSQL (MongoDB, CouchDB, etc.), WEKA

Intermediate Django, Node.js, Rails