

Will Webberley

Curriculum Vitae

40 Planet St
Cardiff, CF24 0HZ
☎ 07787 567865
✉ will@flyingsparx.net
📧 flyingsparx.net
🐦 @flyingSparx

Education

- 2010–2014 **PhD Computer Science**, *Cardiff University*, "Inferring Interestingness in Online Social Networks".
(expected) Exploring information propagation in online social networks. In particular, the use of Bayesian machine learning methodologies for the prediction of Tweet popularity in Twitter as a basis for the inference of 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

Experience

- 2010–Present **Teaching assistant and student supervisor**, *Cardiff University*, UK.
The teaching of undergraduate and masters students at all levels and on a wide range of topics as a module tutor, group supervisor, practical lab leader, etc. Also responsible for the assessment (including feedback) of student work in the form of coursework, practical demos, project reports, presentations, etc.
Topics include: Python, Java, computer architecture, assembly language, mobile communications and meta heuristics, algorithms and data structures
Examples of supervised projects: Social media visualisation toolkits, coursework assistance tools, user-contributed geo-information sharing mobile app design, etc.

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, 2012
- Introduction to \LaTeX , 2012
- Developing Google Chrome Extensions, 2011

Events

- Organised**

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

- Taken part in**

- Cardiff Open Sauce Hackathon, 2013 - **Award:** prize for best team

Projects *Examples of software projects completed in my spare time (more on request):*

- WekaPy - Python wrapper for the WEKA machine-learning toolkit
- Gower Tides - Android app for tidal, surf, and weather reports for the Gower
- Various apps/sites for friends & family

Relevant training

2010 Demonstrating Laboratory Based Teaching - UGC

2010 Assessing Student Learning in the Sciences - UGC

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 SOCSI and COMSC
- 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, L^AT_EX, 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