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# Will Radford / Data Scientist

<http://wejradsford.github.io> / <https://twitter.com/wejradsford> / [wejradsford@gmail.com](mailto:wejradsford@gmail.com)

I'm a data scientist with over ten years experience in building systems to solve interesting problems using machine learning, particularly those involving natural language processing.

## EXPERIENCE

### **Red Marker, Sydney** - *Data Scientist - Since 2017*

- Using natural language processing to help automate financial regulation by building tools that let our users train and deploy models that work on their data.

### **Hugo.ai, Sydney** - *Lead Data Scientist / Engineer - 2016 to 2017*

- Used machine learning to build a collective intelligence CMS that accelerates a human web search task, cutting median job time from 60 to 6 minutes in 12 months.
- Actively participated in the research community, publishing 6 papers and co-organising the [Humans, Language, Technology Meetup](#) with over 200 members.
- Led a small team of data scientists, co-supervising an Honours student.

### **Xerox Research Centre Europe, France** - *Postdoctoral Researcher - 2014 to 2015*

- Researched chatbots, gender in media, social media language identification.

### **Capital Markets Cooperative Research Centre, Sydney** - *Researcher - 2008 to 2014*

- Building NLP tools for fintech and media, including a PhD project with Fairfax Media.

### **Appen, Sydney** - *Software engineer - 2004 - 2008*

- Technical and client-facing roles for commercial and government projects.

## TECHNOLOGIES

Python, Jupyter, scikit-learn, *some* tensorflow, AWS, bash, Spark, HTML/CSS, Javascript, SQL, Linux, git, vim, *rusty* Java/C/C++, Jira, Bitbucket, GitHub

## EDUCATION

### **University of Sydney** - *PhD in Computer Science (2010-2013)*

Thesis: Linking Named Entities to Wikipedia / APA and CMCRC scholarships / Tutoring award

### **University of Sydney** - *B. Liberal Studies 1st class Honours (2009)*

Thesis: Tracking information flow in finance text / CMCRC scholarship

### **University of Sydney** - *B. Liberal Studies in Computer Science, Linguistics (2000-2003)*