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# Will Radford / Data Scientist

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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

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

January 2016 - PRESENT

- Using machine learning to build a collective intelligence CMS that accelerates a human web search task, cutting median job time by 75% over 12 months.
- Actively participating in the research community, publishing 6 papers and co-organising the [Humans, Language, Technology Meetup](#) with 195 members.
- Leading a small team of data scientists, co-supervising an Honours student.

### **Xerox Research Centre Europe, France** - *Postdoctoral Researcher*

June 2014 - December 2015

- Diverse research on NLP for customer care chatbots, gender representation in film, language identification in social media, resulting in papers, media and patents.

### **Capital Markets Cooperative Research Centre, Sydney** - *Student researcher*

June 2008 - June 2014

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

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

August 2004 - June 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)*