

David Moody - Web developer

- Email: david@davidxmoody.com
- Blog: davidxmoody.com

Personal summary

An enthusiastic graduate web developer with a strong academic background. Keenly interested in new web technologies. Has taken some time off to create two large websites requiring significant learning. Able to work hard with minimal supervision.

Currently looking for a suitable web developer position at a large company with room for growth.

Education

Christ's College, Cambridge (2008 - 2011)

- B.A. Computer Science (2:1)

Strode College (2006 - 2008)

- Maths (A)
- Further Maths (A)
- Physics (A)
- Chemistry (A)
- Biology (A)

Projects

professorp.co.uk (2013 - 2014)

- Website for the Professor P series of children's books
- Five JavaScript games written with **AngularJS**, **jQuery** and **CoffeeScript**
- AI opponent in one of the games uses the **A* search algorithm**
- Experience with **Node.js**, **Gulp** and **Browserify**
- **Responsive design** with **Bootstrap** and **Sass**
- Generated with **DocPad**, **Markdown** and **Eco templates**
- Working Amazon S3 deployment script (unused) and FTP deployment script
- Worked with the author to create the content of the site
- 280 commits, [available on GitHub](#)

davidxmoody.com (2014 - present)

- My personal blog
- Static site built with **Metalsmith** and hosted with **GitHub Pages**
- Simple responsive design and typography with **Sass**

- 36 posts (23,000 words) written since 11 August 2014
- I have written about: Vim plugins, website design, the Pomodoro Technique, other programming topics and almost everything else on this CV
- Over 300 commits, [available on GitHub](#)

Monte Carlo Tree Search in Texas Hold 'em Poker (2011)

- 3rd year dissertation project written in **Java**
- Built a **working poker-bot** with a complex AI search algorithm
- [Available on GitHub](#)

Project Kilo: recognising molecules from photographs (2010)

- Second year university group project
- **Worked with others** to create an Android app and server

Edubase web scraper (2011)

- Simple web scraper written in Java using regular expressions
- Exports schools' contact info to a database, saving a lot of time for a small publishing company

Diary program (2011 - 2014)

- 3 year personal project written in **Bash** and then **Python**
- Learned many core Python language features
- Implemented a basic **Flask RESTful API** and later a static HTML generator using **Jinja2 templates**
- Over 330 commits, [available on GitHub](#)

Linux and other skills

- **Mercurial** user (2011 - 2014), now learning **Git**
- Knowledge and experience with many **Unix command line tools**
- **Fast typist** with Dvorak and Vim (~80wpm)
- My dotfiles are [available on GitHub](#)

Interests

- [Skilled croquet player](#), my team has won *four South West league finals* since 2013
- [Amateur photographer](#)
- [Amateur chef](#)

References

Available on request