

# David Moody - Web developer

- Email: [david@davidxmoody.com](mailto:david@davidxmoody.com)
- Blog: [davidxmoody.com](http://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 an exciting company with room for growth.

## Technical skills

- Languages: **JavaScript (Node.js)**, **Python**, **Java**, **Bash**, **CoffeeScript**
- Front-end: **AngularJS**, **jQuery**, **Sass**
- Version control: **Git**, **Mercurial**
- Experience with many **Unix command line tools**

## 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

### [davidxmoody.com](http://davidxmoody.com) (2014 - present)

- Personal blog documenting my technical knowledge and past projects
- 36 posts (24,000 words) written since 11 August 2014
- Simple responsive design built with **JavaScript** and **Sass** and hosted with **GitHub Pages**

## professorp.co.uk (2013 - 2014)

- Website for the Professor P series of children's books
- Includes games and activities for children and details about the books and events
- Iterative development process with frequent feedback from the author
- Five **JavaScript games** written with **AngularJS**, **jQuery** and **CoffeeScript**
- Built with **Node.js**, **DocPad**, **Browserify**, **Markdown** and many others
- **Responsive design** with **Bootstrap** and **Sass**

## Diary program (2011 - 2014)

- Command line program for organising a personal diary
- Three year side project written in **Bash** and re-written in **Python**
- Learned many core Python language features

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

- Third year dissertation project written in **Java**
- Built a **working poker-bot** with a complex AI search algorithm

## **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

## **Project Kilo: recognising molecules from photographs** (2010)

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

## **Interests**

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

## **References**

Available on request