

# Dale Mooney

**Home address:** 15 Bloomsbury Gardens, Houghton Regis, Bedfordshire, LU5 5RH  
**Phone:** 07504307141  
**Email:** [djm53@kent.ac.uk](mailto:djm53@kent.ac.uk), [dale@dalemooney.co.uk](mailto:dale@dalemooney.co.uk)  
**Website:** [www.dalemooney.co.uk](http://www.dalemooney.co.uk)

## Education & Qualifications

### University of Kent, Canterbury (2008 – 2011)

- Bsc (Hons) Computer Science (2:1)

**Final Year Research Project:**

“Evolutionary CAPTCHA construction” – A research project on creating CAPTCHA using evolutionary and OCR algorithms.

**Modules Taken:**

E-Commerce	Advanced Programming
Cryptography & Security	Dynamic Web
Functional Programming	Concurrency, Design & Practice
Operation Systems & Architectures	Object Oriented Programming (intro)
Further Object Orientated Programming	Natural Computation
Foundations of Computin 1 & 2 ( <i>Maths</i> )	Intelligent Systems
Algorithms, Data structures, Complexity	Information Systems
Cognitive Neural Networks	Software Engineering
Computer Systems	Computer Graphics & Animation
Database Systems	Distributed Systems

### Dunstable College, Dunstable (2007 – 2008)

- BTEC First diploma (Distinction)
- BTEC National diploma (Distinction)

## Work Experience

### Freelance Web Designer (2007–08)

During my last year at Dunstable College I was commissioned (via the Head of IT) to design and develop a website for a local artist. This experience developed the following skills:

- Listening to customers and understanding requirements
- Working to specifications
- Providing creative solutions to problems

# Computer Skills

- Languages:**                    *Competent in:* C++ , C#, C, Occam Pi, Prolog, Haskell, Occam
- Proficient in:*    PHP, Java, HTML, CSS, Javascript, Ajax, MySQL, VRML
- Applications:**                Microsoft Word, Microsoft Access, Microsoft Excel, Adobe Photoshop, Adobe Dreamweaver, 3D Studio Max, Gimp, Netbeans, Blue J
- Operating Systems:**        Windows XP, Windows Vista, Ubuntu, Windows 7, Unix
- Memberships:**                The Institution of Engineering and Technology, British Computer Society, Xbox Creators Club

# Interests & Activities

- Computing:**                    I enjoy programming and expanding my knowledge. I like to set myself the task of learning something new everyday. I like to develop my own plugins for such things as wordpress and also develop my own apps for the Android system.
- Socialising:**                    I like to socialise in many different ways from joining development groups for different games and joining such things as the Xbox creators club and of course the usual pub gatherings to chat about the latest news and going's on.

# Referees

**Derek Condon**  
Head of Computing  
Central Bedfordshire College  
Tel: 0845 355 2525  
Email: [DCondon@centralbeds.ac.uk](mailto:DCondon@centralbeds.ac.uk)

**Dr Colin Johnson**  
School Of Computing  
University of Kent, Canterbury  
Tel: 01227 827562  
Email: [C.G.Johnson@kent.ac.uk](mailto:C.G.Johnson@kent.ac.uk)