

Mike Matthews

- Experienced PHP web applications developer
- First class Maths and Computing degree from Nottingham University
- Excellent communicator; fully qualified Maths teacher
- Highly numerate and computer literate
- Strong time management skills; proven ability to produce results under pressure
- Experience of designing and implementing IT solutions across multiple sectors:
 - Education, Not for profit, Banking, Small business

► Employment

Web Applications Developer self-employed; Sept '11 – present

Developed League Manager SQ, a sophisticated squash league management system. Used PHP, MySQL, XHTML and JavaScript to provide a dynamic user experience. Implemented various social features to encourage sharing and greater user interaction. Managed the full software development cycle from discussing requirements with my initial client through to testing and release. See leaguemanagersq.com and notts-squash.co.uk/results.html.

Created global websites for 123Maths to facilitate their expansion around the world.

Maths Teacher, Arnold Hill School Sept '10 – Aug '11

Worked hard to create and maintain positive working relationships with stakeholders (children, parents, colleagues, management, local authority). Planned, delivered, reviewed and improved upon sequences of lessons for classes of all abilities, up to A Level standard. Created Excel macros to automate processes regularly carried out by myself and colleagues. Constantly met tight deadlines and responded to changing requirements in a pressurised environment. Known within the faculty as a computer expert, always willing to help solve problems.

Trainee Teacher, Kirk Hallam Community Technology College Sept '09 – Aug '10

Continually developed my communication and presentation skills, delivering an ever-increasing timetable of maths and statistics lessons, to GCSE level. Regularly adapted my practice to reflect feedback from experienced colleagues. Balanced teaching with conducting research and writing Masters-level essays.

Office Manager and Web Developer, Grace Church Nottingham Sept '08 – Aug '09

Ensured the smooth operation of the church office (15+ staff and volunteers); managed volunteers. Took the lead in the ongoing development of www.gracechurchnottingham.org (see below), focussing on implementing structures to facilitate future growth in scale and functionality. Created a discussion board in the members' area, which has since received over 4,600 posts. Delivered training to staff to enable them to update the website.

Volunteer Intern, Grace Church Nottingham part time; Sept '07 – Aug '08

Analysed business requirements in order to lead a team in creating a highly effective website for the church (averaging 6,900 visits per month during 2011). Structured the site such that it could be edited and updated by non-technical users with minimal training. Specified, tested and installed an efficient system for instantaneously creating photo ID badges for stewards at a 7,000-delegate national youth conference.

Technical Consultant, TeabagTalent part time; Oct '07 – Aug '08

Designed and implemented a database system for efficient tracking of forum visitors, in order to maximise the number signing up as members. Regularly communicated with leading partners in the business, checking their progress and encouraging them to pursue their contacts. Created a new website for the organisation.

Technical Support, LloydsTSB

19 weeks' holiday work during '05-'06

Created, refined and documented a sophisticated Excel/VBA analysis tool for monitoring progress towards Sarbanes-Oxley compliance across the LloydsTSB group. Provided support for users of the SOX Express database.

Resident Keyholder, Unite

part-time; Oct '05 – April '06

Provided essential support for locked-out residents and investigated fire alarms in my university halls.

Manager, MJM IT Services

self-employed part-time; '02-'06

Provided hardware and software upgrades, troubleshooting, training and web development services to over 50 individuals and small businesses. Analysed each client's requirements and abilities in order to provide accurate advice and appropriate training. Invested in client relationships, resulting in many regular customers.

► Qualifications**School of Education, University of Nottingham**

'09-'10

Completed Graduate Teacher Programme; gained PGCE and Masters credits.

Attended training in all aspects of teaching and learning, including explanations, questioning, medium and long term planning, body language, effective use of voice, differentiation, assessment and behaviour management, much of which focussed around transferrable skill areas such as communication.

University of Nottingham

'04-'07

Achieved BSc (Joint Honours) Maths and Computer Science, first class.

In Maths, developed skills in abstract thinking, problem solving and analysis. Modules included number theory, numerical methods, graph theory, game theory, coding and cryptography, and combinatorics.

In Computer Science, learnt to program in Java, Prolog and Haskell; studied data structures, compilers and computability. Developed a graphical Connect 4 program with advanced computer player in final year, downloadable from my website.

The Judd School, Tonbridge

'97-'04

GCSE: 9 subjects at grade A*, 1 at grade A **AEA:** Mathematics (Merit)

A Level: Mathematics (A), Further Mathematics (A), Economics (A), Religious Studies (A)

STEP: Mathematics II (Grade 2), Mathematics III (Grade 3)

► Other Interests

- Wedding, wildlife and landscape photographer
- I thrive on variety, and love travelling to new places
- I enjoy meeting new people, and lead a church small group with my wife
- Completed Bronze, Silver and Gold Duke of Edinburgh's Award
- Reached rank of Staff Sergeant in the Boys' Brigade, and President's Badge holder
- Hold full UK driving licence

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Referees available on request.