

# Michael Clark

Cambridge, UK  
+44 7859 897 000  
✉ [mjac@mjac.co.uk](mailto:mjac@mjac.co.uk)  
🌐 [mjac.co.uk](http://mjac.co.uk)

## Current skills

Code	C#, PHP, JavaScript	DB	SQL Server, MySQL
Web	HTML5, CSS	VCS	Git, Mercurial

## Employment

- Dec 2016 to present **Technical Lead, Redgate, Cambridge**, C#, SQL Server, Ninject.  
Responsible for running projects and providing technical leadership. Direct line management of four software developers.
- Working on SQL Prompt 9 which will add code analysis as-you-type
  - Reviewed acquisition and lead integration of SQL Code Guard
  - Released SQL Prompt 8 with a rewritten formatting engine
  - Released SQL Prompt Core to the Visual Studio Marketplace, a new free version with a cut down feature set and teaser workflows
- Nov 2015 to Dec 2016 **Software Developer, Redgate, Cambridge**, C#, SQL Server, JavaScript, Autofac.  
Significant contributions to four Redgate products
- Team Of The Year 2016 with SQL Monitor after we redeveloped server monitoring, created a custom new reporting system and added SNMP and Slack integration
  - Lead the Coding Guild, helping developers across Redgate deliberately practice their craft and encouraging guild members to run activities
  - Helped finish a rewrite of the SQL Source Control's migrations system
  - Integrated ReadyRoll into Redgate including setting up Github, TeamCity agents
  - Line managed a Software Engineering Intern Summer 2015
  - Added schema history to DLM Dashboard
- Jun 2013 to Nov 2015 **Software Developer, Spiral Software, Cambridge**, C#, VB.NET, SQL Server, JavaScript, C++, Unity IoT.  
Delivered complex oil analysis software to Fortune 500 oil majors.
- Scrummaster for the biggest release of the year (16 continuous weeks), introduced sprint retrospectives and planned upcoming work
  - Applauded for taking ownership of the experimental redevelopment of our core intranet product, culminating in a successful demo at SUM2013
  - Praised in all 6-month reviews '[Michael] communicates very clearly... enthusiastic, inquisitive and capable of taking a step back and seeing the bigger picture'
- Oct 2012 to Mar 2013 **Application Developer, Kickstart Digital, Cambridge**, AS3, C#, JavaScript, Facebook.  
Completed high-quality projects on time for top UK brands.
- + Summer 2010
- Johnson&Johnson Gentle-O-Meter (interactive marketing), implemented agency designs and created an algorithm to calculate gentleness from drawings and quizzes, gathered 50000+ unique drawings
  - PhoneGap tablet surveying tool for drawing floorplans from laser sight measurements
  - Mini Countryman mobile microsite, using WURFL browser detection
  - Change4Life Summer Fun Activity App, a Facebook Flash sport picker for the NHS

- Jul 2011 **Frontend Developer**, *Tuenti Technologies*, Madrid, PHP, OO JavaScript, Memcache, MVC, MySQL.  
to Sep 2012 Tuenti is a Spanish social network. In 2011 it had 90% of the 18–25 demographic.
- Designed a client/server registration architecture, supporting the Tuenti Messenger project, and unifying client-side feedback
  - Refreshed Web Chat with an updated UI and refactored client-side, including a rich media parser, serving 200+ million messages per day
  - Event RSVP management for creators and attendees (revamped views/templates)
  - Recognised as a 'key contributor' to the side-wide refresh (based on YUI) with a VIP trip to the Madrid Open; developed the profile, registration, friends importer, settings
- Sep 2007 **Web Developer**, *Premier Media Group*, London, C#, XSLT, HTML, JavaScript, CSS, MSSQL.  
to Aug 2008 London-based Christian radio station with over 200K listeners per year.  
+ Summer 2009
- Migrated projects to Sitecore including Premier Christian Radio, Christianity Magazine, Jobsearch Monitor; given responsibility for our 200+ item todo spreadsheet
  - For this work we were awarded 'Team of the Month, August 2008'
  - Lead development of Mind&Soul, a mental health portal/blog
  - Contracted in Summer 2009 to simplify subscriptions and add article tagging

## Education

- 2008 **University of Cambridge**, *Queens' College*, Computer Science, BA (Cantab).  
to 2011 Favourite topics were algorithms, security, and distributed systems.
- Dissertation 'Social Backup – Data redundancy on trusted machines' documents a software system to securely chunk and transfer data to a decentralised peer group
  - Rowed with Queens' College Boat Club where we won a number of races including Lent Bumps (blades, +6), Bedford Head (IM2), University Fours
  - Updated websites for The Tab, Newnham JCR, QEnts, QCBC, Queens' Ergs
- Sep 2005 **Sixth form**, *The Ashcombe School*.  
to Jun 2007 A-levels: Mathematics (A), Further Mathematics (A), Physics (A), General Studies (A)  
Advanced Extension Award: Mathematics (Distinction)  
UKMT Senior Maths Challenge: Gold Award, Best in School  
The Ashcombe Prize for Excellence in Mathematics 2007
- Sep 1999 **Secondary education**, *The Priory School*.  
to Jun 2005 10 A\*/A GCSEs including English, Mathematics and Business Studies.

## Current projects

- 2007 **Owner**, *Strength Level*, strengthlevel.com, PHP, HTML, JavaScript, CSS.  
to present Calculates your performance in strength training exercises like bench press, deadlift and squat. Allows you to login to a strength training social network. Usage has now grown to over 250,000 sessions per month, with over 1,500 logged in users.
- 2016 **Owner**, *Guitar Charts*, guitarcharts.net, HTML, JavaScript, CSS.  
to present Shows you scales, chords and arpeggios on the guitar and lets you listen to them.  
*Please see [mjac.co.uk/portfolio](http://mjac.co.uk/portfolio) for more projects and screenshots.*