

# David NICKERSON

## PERSONAL SUMMARY

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I am an enthusiastic, motivated and committed problem solver who is looking for their next challenge. I'm happy working in a team or independently and highly value feedback. I am a lifelong learner and use on-line learning platforms to keep my skills up to date in my own time.

I am looking for an opportunity to work in a collaborative setting on interesting projects with real world applications. I am highly reliable, competent, well presented, creative and always willing to go the extra mile to complete a project. I have my own transport and am willing to relocate worldwide. References available on request.

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Edinburgh, UK | 06 03 1988  
ADDRESS: 58A South Avenue, Southend-on-Sea, Essex  
PHONE: 07765153376  
EMAIL: [david@davidnickerson.org](mailto:david@davidnickerson.org)

## WORK EXPERIENCE

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Current JULY 2016	<b>Project Analyst - Automotive PDM Specialist</b> <i>Quick Release Automotive, Essex</i> <i>Change Management and Project Analysis</i> Supporting a high visibility weight change management initiative for Ford. Client facing role involving clear communications, initiative, programming skills and project management. Developing custom tools and reporting to senior management using custom metrics. Interrogation and analysis of AVBoM and WERS PDM solutions. Regularly contributing to internal cross-functional projects.
MAY 2013 - JULY 2016	<b>Head of Academic ICT and Electronics, CPD coordinator</b> <i>Francis Holland School SW1, London</i> <i>Professional Development, Management and Teaching</i> Youngest head of a core subject department. Responsibility for budgeting, curriculum development, training and teaching programming (PYTHON/JAVASCRIPT). Consulting with and presenting to senior management on policy and suggested development of the subject. Liaising with middle management on joint projects. Coordinating staff training and development. Deployment of a virtual learning environment (Firefly). Building small scale purpose built applications for analysis of the school's data. I have been Trained in use of a DBMS and have strong IT skills.
MAY 2013 - SEPT 2013	<b>Acting Exams Officer FRANCIS HOLLAND SCHOOL SW1, London</b> <i>Organisation and Administration</i> Managed the GCE and GCSE exam period. Organisation, prioritization, timetabling and fast decision making including managing a high volume of email traffic. Consultation with exam boards and senior management.
SEPT 2012 - MAY 2013	<b>Acting head of Psychology and Teacher of Religious studies FRANCIS HOLLAND SCHOOL SW1, London</b> <i>Teaching</i> Teaching GCSE (A level) Psychology and Philosophy. Preparing and delivering outstanding lessons.
OCTOBER 2010 - SEPT 2012	<b>Research Assistant/ PHD candidate UNIVERSITY OF BRISTOL, Department of Experimental Psychology</b> Research in Vision Science including eye motion tracking and significant data analysis. Experimental design and analysis in MATLAB, Python and SPSS with some basic skills in R. Research topic "Visual Search". Presentation, analysis and visualisation of medium sized data sets. Teaching statistical methodology to undergraduate students. Gained skills in: Data analysis, statistical modelling, experimental design, teaching and scientific writing.

## EDUCATION

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NOVEMBER 2015	<b>MASTER OF ARTS, Oxford University</b>
JULY 2009	<b>Bachelor of Arts   EXPERIMENTAL PSYCHOLOGY, Oxford University</b> <i>Upper Second Class Honours</i> Thesis: "The effects of Visual feedback on Bimanual isometric finger force production" Advisor: Dr. Nick DAVIS
JULY 2006	<b>GCE (A level) MATHS (A), FURTHER MATHS (A), PHYSICS (A), PHILOSOPHY (A), PSYCHOLOGY (A)</b> <b>GCE (AS level) POLITICS (A)</b>

## ADDITIONAL PROGRAMMING CERTIFICATIONS & TRAINING

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- DECEMBER 2015 The Fundamentals of Computing Specialization Capstone Exam by Rice University on Coursera.  
Grade (85% Pass )
- OCTOBER 2015 Programming and the Web for Beginners by Duke University on Coursera.  
Grade (94.8%, Distinction)
- AUGUST 2015 Algorithmic Thinking (Parts 1& 2) by Rice University on Coursera.  
Grade (96.3% , 96%, Distinction)
- MAY 2015 Principles of Computing (Parts 1 & 2) by Rice University on Coursera.  
Grade (100%, 100%, Distinction)
- MARCH 2015 The Data Scientist's Toolbox by Johns Hopkins University on Coursera.  
Grade (100%, Distinction)
- SEPT. 2014 An Introduction to Interactive Programming in Python by Rice University on Coursera.  
Grade (100%, Distinction)

## PROGRAMMING LANGUAGES

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- Basic Knowledge: C++, R, MySQL, LINUX, PHP, ~~LaTeX~~
- Intermediate Knowledge: PYTHON, JAVASCRIPT, HTML & CSS, MATLAB (INCL. PSYCH & EYELINK TOOLBOX)

## LANGUAGES

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- ENGLISH: Fluent
- FRENCH: Basic Knowledge

## VOLUNTEERING

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- April 2015 - present Trainer for CodeClubPro  
Helping equip primary teachers to teach the new national Computing curriculum.  
Presenting, designing materials, training and supporting staff development.

## INTERESTS AND ACTIVITIES

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I have many diverse interests and am often undertaking projects in my spare time involving: technology, programming, problem solving, decision making, vision science, cycling, chess, music, drums, amplifier and speaker construction and robotics.

My current ongoing projects include restoring a classic Austin Mini, building a JavaScript game and creating on-line resources to help students learn to code.