Marcus Craske

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EDUCATION

Bachelor of Science (BSc) *– Computer Science*   2014
First Class (Honours) Starred (I*) – 83.48% weighted average
University of East Anglia

Year 1: 90.71% – *Computing Fundamentals, Computing Revolution, Mathematics for Computing A, Computing Systems 1, Computing Systems 2, Programming 1.*
Year 2: 81.77% – *Theoretical Computing, Database Systems, Graphics 1, Architectures & Operating Systems, Data Structures & Algorithms, Programming 2.*
Year 3: 82.66% – *Information Retrieval, Embedded Systems, Networks, Software Engineering 2, Project.*

Advanced Diploma in IT – A (BBA*).   2011

GCSEs – History, Religious Studies and IT (A); Maths, English,   2009
English Literature, Science, Additional Science, Graphics (B); French (D).

THIRD YEAR PROJECT

The Automated Assessment of Programming Skills
An open-source distributed system, which can be clustered across multiple nodes/instances using RMI communication, to automatically mark Java code using dynamic and static analysis.

COMPUTER SKILLS

Languages – Java, C#, C/C++ (inc. 11), Matlab, Lua.

Platforms – Linux (Arch, Debian, Ubuntu), Windows (inc. server 2003 & 2008).

Misc. – SQL (MySQL, Postgres, Firebrid), HTML5, CSS3, PHP, Android, OpenGL, LaTeX, Java EE, Glassfish, Hibernate, Git, JUnit, Checkstyle.

EXPERIENCE

Proxama – Research & Development   present – 2014

Teaching Lab Assistant – helped with *Discover Computing* school visit.   2013

Github – `https://github.com/limpygnome` :
- UEA Lite – an improved Java and Matlab port of UEA Lite for information retrieval stemming.
- Portable Postgres – a Windows utility for portably using Postgres; created for fellow students to avoid messy scripts, with conflict checking.
- Uber CMS – a cross-platform ASP.NET content management system.
- Binary Clock – a C++ daemon for a Raspberry Pi, with a multi-threaded web server partially supporting HTTP/1.1, to serve as an alarm clock.

AWARDS

Douglas Lewin Memorial Prize for Final Year Project	2014
The Pearson Education Prize in Computing Science	2012
WorldSkills Web Design – National Final – Gold	2011
Further Education Awards	2011
WorldSkills Web Design – National Final – Bronze	2010
Further Education Awards	2010

HOBBIES   Besides enjoying, and being self-taught in, programming since 12, I enjoy the occasional electronic project, road-bike cycling and music (playing electric guitar and synth).

REFERENCES   Available on request.