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), Python, 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/Tomcat, Hibernate, Git, Jenkins, JUnit, Docker, Checkstyle.

EXPERIENCE

Proxama - Scrum Master

Feb 2015 – present

Continuing as a software engineer on CardGateway, with the responsibility of scrum master.

Proxama – Software Engineer

Nov 2014 – Jan 2015

Working on a PCI-compliant product, *CardGateway*, to provide token and risk management of contactless payments for Visa and MasterCard. Using JEE and Glassfish.

Proxama – Research & Development

Aug 2014 - Oct 2014

Design of the $CardGateway\ Issuer\ System$ product, graph databases for risk analysis, EMVTT / PoS solution.

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.

Version 5.0