Marcus Craske

20 Davidson Road
Norwich
NR7 0XW

limpygnome@gmail.com
https://www.limpygnome.com

t: (+44) 01603 700798
m: (+44) 079 066 868 57

Experience

Worldpay - Senior Software Engineer
Nov. 2015 - Present

Worldpay - Software Engineer
Working on HPP (Hosted Payment Pages), the next generation of payment pages for online commerce. Supporting multiple languages, currencies, international alternative payment methods and card schemes. Using Spring, Ansible, Oracle stack (Weblogic / DB / Coherence).
March 2015 - Nov. 2015

Proxama - Software Engineer
Working on a PCI-compliant product, CardGateway, to provide token and risk management of contactless payments for Visa and MasterCard. Using JEE6, Glassfish and C#.
Nov 2014 - March 2015

Proxama - Research & Development
Design of the CardGateway Issuer System product, graph databases for risk analysis, EMVTT / PoS solution. Software for demos presented to tier one/two clients, including major banks.
Aug 2014 - Oct 2014

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

Computer Skills

Languages - Java, C#, C/C++ (inc. 11), Matlab, JavaScript, VB.NET, Assembly.

Platforms - Linux (Arch, Debian, Ubuntu), Windows (inc. Server 2003/2008), ARM Cortex M, Raspberry Pi, Verifone VX 820 PoS PED.

Misc. - SQL (MySQL, Postgres, MSSQL), HTML5, CSS3, PHP, Android, OpenGL, ASP.NET, Java EE, Glassfish/Tomcat, Resource Adapters, JMS, Hibernate, Git, Jenkins, JUnit, Mockito, Docker, Maven, Checkstyle, Ant, dependency injection, Agile / Scrum, WSDL, SOAP, REST, LDAP/AD, design patterns, Jira.

Education

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

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, English Literature, Science, Additional Science, Graphics (B); French (D).
2009

Third Year Project

The Automated Assessment of Programming Skills (graded 94.4%)
An open-source distributed system, which can be clustered across multiple nodes/instances using RMI communication, to automatically mark Java programming assignments using

dynamic and static analysis.

Awards

Proxama Award - October - Talent	2014
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

Road cycling, projects (such as a C++ Raspberry Pi binary clock with a multi-threaded web server), music (electric guitar and synth).

References

Available on request.