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Experience

Proxama - Software Engineer

Nov 2014 - Present

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#.

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

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

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

2009

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 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.