

Adonikam 'Donny' Virgo BSc (Hons.)

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Profile

Software developer with a 1st and 5+ yrs experience, in search of short term contracts or piece work, wider IT experience and community benefit projects. Available immediately.

Abilities

- Responsible and encouraging team player, able to seek and give advice through tactful elicitation.
- Rapid learner committed to developing knowledge of appropriate patterns and tools for the craft.
- Enthusiastic, with an ambition to become more effective by pairing and mentoring within a team.
- Exemplary communication and documentation skills, with an eye for adhering to DPA and IP law.

Technical skills

- Object-Oriented Programming in Java, PHP, Python and Microsoft® VB.NET and C# languages.
- Database design and query optimisation with MySQL®, IBM® DB2®, SQL Server and Oracle 10g.
- W3C® standards compliant HTML and CSS with Ajax using jQuery, Prototype or Knockout.
- GitHub® workflow with Git CLI, Markdown, Maven® and Travis CI® using IntelliJ® or Eclipse®.
- C and C++ on Linux® using the GNU build system, Vi, GDB, Dmalloc and Subversion®.
- POSIX®-compliant shell scripting with a subset of Sed, AWK etc. Handling basic i18n concerns.
- Grasp of functional and pure functional programming principles, such as in Clojure and Haskell.

Experience

RSPCA

03/2015 – 01/2016

Developer

- Developing Liferay portlets and SOAP services using Spring Framework 2.0 in a team of seven.
- Debugging Ant script deployment issues on hudson builds and processing logs of live issues.
- Developed a PayPal payment gateway component library as part of a high-profile project.
- Developed a database logging component/portlet to highlight error frequencies post-deployment.

Housing Software Ltd.

12/2010 – 07/2014

Developer

- Developing the third version of a housing appraisal and budget monitoring system in Microsoft Visual Basic.NET in a team of five. Contributed the threaded calculation engine using TDD.
- First and second-line telephone support and major new features for the C# version in production.
- Development of bespoke spreadsheet based solutions using Visual Basic for Applications.
- Maintaining and updating the company's websites in the Adobe® ColdFusion® language.

Concept Software Ltd.

09/2010 – 12/2010

Analyst/Developer

- Developing an Enterprise Resource Planning system in VB.NET for a start-up company.

Holiday Extras® Ltd.

06/2008 – 06/2009

Junior Developer (university placement year, achieving distinction)

- Designing and deploying systems in Java: an e-mail reports solution and a database synchroniser.
- Developing and maintaining PHP apps e.g. email marketing and complaint management systems.

Education

University of Kent

09/2006 – 06/2010

BSc (Hons.) Computer Science with a Year in Industry: 1st class honours

1st year

- An optional IBM exercise to analyse markets and present a business plan to a ‘venture capitalist’.

2nd year

- Studied a range of fundamental Computer Science concepts in depth such as programming language and operating system internals, algorithms, distributed systems and databases.

3rd year

- A group Python development project to improve the UK Mirror Service web interface.
- Modules in Security and Cryptography, Networks and E-Commerce gave me a sound understanding of the issues regarding networking and their existing solutions.
- A Human-Computer Interaction module in which I learned some good team-based design practices and techniques, enhancing my group interaction, planning and analytical skills.

Holy Trinity Church of England School

09/2000 – 06/2006

A Level

- Religious Studies: B
- Physics: C
- Mathematics: D

AS Level

- General Studies: A
- French: C

GCSE

- 9 A* to C grades including Mathematics and English.

Interests

- Walking, child care, elderly care, social care, health and cookery.
- Teaching programming and related skills through video or CoderDojo clubs for young people.
- Researching how agile methods, design patterns and sociological aspects impact software quality.

Volunteering

Winter 2015 – Summer 2016

- Tea and coffee, hall set up and neighbourhood activities with my fiancée at All Saints, Peckham.

Winter 2011 – Summer 2014

- Regular rota responsibilities for set up, cooking, projector and PA at Southcroft Ichthus Church.
- Completed a two year practical discipleship course in 2013 tailored to those in full-time work.

Winter 2009 – Summer 2010

- Regular set up and leading of activities at Canterbury Kidz Klub, a Saturday club for ages 5 – 11.

References

Andy Scales (manager, RSPCA)

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