

Adonikam 'Donny' Virgo BSc (Hons.) MBCS

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Profile

First class honours software developer interested in desktop, web and embedded software development and testing work in London.

Abilities

- Responsible and encouraging team player, able to give and seek advice.
- Rapid learner committed to development of professional skills and technical knowledge.
- Enthusiastic, with an ambition to further my career by participating in greater projects.
- Exemplary communication and documentation skills, command of English and eye for detail.

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® and SQL Server databases.
- W3C® standards compliant HTML and CSS with Ajax using the jQuery JavaScript™ library.
- Writing XML, XML Schema and XSL documents and parsing them with a Java DOM parser.
- C and C++ on Linux® using the GNU build system, Vi, GDB, Dmalloc, Subversion® and Git.
- POSIX®-compliant shell scripting with a subset of Sed, AWK etc.
- Simple Haskell, Scheme and Common LISP programming.

Experience

Housing Software Ltd.

12/2010 – Present

Developer

- Developing the third version of a housing appraisal and budgeting system in Microsoft® Visual Basic.NET in a team of five.
- Assisting with first-line telephone support for the current version of the system.
- Extending an online development site comparison product in the Adobe® ColdFusion® language.
- Maintaining and updating the company's websites in ColdFusion.

Concept Software Ltd.

09/2010 – 12/2010

Analyst/Developer

- Developing an Enterprise Resource Planning system in Microsoft® Visual Basic.NET within a medium-sized team for a start-up company.
- Developing the SQL Server database and ADO.NET Web Service to support new system features.
- Reporting to the Managing Director, working over 40 hours per week to complete the development of the new product before release in Spring 2011.

Holiday Extras® Ltd.

06/2008 – 06/2009

Junior Developer (university placement year, achieving distinction)

- Designing, developing, deploying and maintaining internal systems in Java such as an e-mail reporting system and a generic database synchroniser with DB2 and MySQL support.
- Rewriting and extending the e-mail marketing system in PHP with the Senior Developer.
- Maintaining and extending the complaint management system, a database application in PHP running on IBM DB2 and PostgreSQL databases, following a 2-day PHP course.
- Creating and maintaining web interfaces for database management such as an incentive rate modification interface and a correspondence template management system.

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 present a business idea to a pretend venture capitalist, which gave me experience of analysing markets and developing a business plan.

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

- Country walking, exploration and mapping for <http://www.OpenStreetMap.org/>.
- Playing badminton, running and weight-training to keep fit.
- Using and contributing to Debian GNU/Linux as my primary operating system.
- Studying the typography, orthography, etymology and Unicode[®] representation of Hebrew.

Volunteering

Winter 2009 – Summer 2010

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

Open Source contribution

- Bug filing and triage, providing third-party packages, debugging and providing support on IRC.

References

Nigel Small (supervisor)

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Jonny Sweetman (manager)

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